

**WEST**

Help

Logout

Interrupt

Main Menu

Search Form

Posting Counts

Show S Numbers

Edit S Numbers

Preferences

**Search Results -**

Terms	Documents
meta adj search adj engine	3

Database:

US Patents Full-Text Database	▲
US Pre-Grant Publication Full-Text Database	
JPO Abstracts Database	
EPO Abstracts Database	
Derwent World Patents Index	
IBM Technical Disclosure Bulletins	▼

Refine Search:

Clear

**Search History****Today's Date: 3/14/2001**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB	meta adj search adj engine	3	<u>L13</u>
USPT,PGPB	meta same search engine	19	<u>L12</u>
USPT,PGPB	l10 and meta same information	2	<u>L11</u>
USPT,PGPB	l7 and multiple same party	19	<u>L10</u>
USPT,PGPB	l7 and muliple	0	<u>L9</u>
USPT,PGPB	l7 and muliple same party	0	<u>L8</u>
USPT,PGPB	l6 and search engines	544	<u>L7</u>
USPT,PGPB	((707/\$)!.CCLS.)	9361	<u>L6</u>
PGPB	((705/\$)!.CCLS.)	1	<u>L5</u>
PGPB	((348/\$)!.CCLS.)	0	<u>L4</u>
PGPB	((345/\$)!.CCLS.)	1	<u>L3</u>
PGPB	((709/\$)!.CCLS.)	2	<u>L2</u>
PGPB	((707/\$)!.CCLS.)	1	<u>L1</u>

BEST AVAILABLE COPY

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)**Search Results -**

Terms	Documents
5920859.pn.	1

**Database:**

US Patents Full-Text Database	▲
US Pre-Grant Publication Full-Text Database	
JPO Abstracts Database	
EPO Abstracts Database	
Derwent World Patents Index	
IBM Technical Disclosure Bulletins	▼

**Refine Search:**[Clear](#)**Search History****Today's Date: 3/14/2001**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	5920859.pn.	1	<u>L22</u>
USPT	5781913.pn.	1	<u>L21</u>
USPT	5864863.pn.	1	<u>L20</u>
USPT	5864845.pn.	1	<u>L19</u>
USPT	5987446.pn.	1	<u>L18</u>
USPT	5826258.pn.	1	<u>L17</u>
USPT	5873080.pn.	1	<u>L16</u>
USPT	5802518.pn.	1	<u>L15</u>
USPT	5920854.pn.	1	<u>L14</u>
USPT	5845278.pn.	1	<u>L13</u>
USPT	5924090.pn.	1	<u>L12</u>
USPT	5216613.pn.	1	<u>L11</u>
USPT	5805824.pn.	1	<u>L10</u>
USPT	5987457.pn.	1	<u>L9</u>
USPT	5983216.pn.	1	<u>L8</u>
USPT	5864846.pn.	1	<u>L7</u>
USPT	5920856.pn.	1	<u>L6</u>
USPT	5966126.pn.	1	<u>L5</u>
USPT	5933822.pn.	1	<u>L4</u>
USPT	5701400.pn.	1	<u>L3</u>
USPT	5864871.pn.	1	<u>L2</u>
USPT	5987454.pn.	1	<u>L1</u>

**WEST**

Generate Collection

**Search Results - Record(s) 1 through 1 of 1 returned.**☒ 1. Document ID: US 5987457 A

L9: Entry 1 of 1

File: USPT

Nov 16, 1999

US-PAT-NO: 5987457

DOCUMENT-IDENTIFIER: US 5987457 A

TITLE: Query refinement method for searching documents

DATE-ISSUED: November 16, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ballard; Clinton L.	Suquamish	WA	N/A	N/A

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE	CODE
Acceleration Software International Corporation	Poulsbo	WA	N/A	N/A	02	

APPL-NO: 8/ 969961

DATE FILED: November 25, 1997

INT-CL: [6] G06F 17/30

US-CL-ISSUED: 707/5; 707/2, 707/3, 707/10

US-CL-CURRENT: 707/5; 707/10, 707/2, 707/3

FIELD-OF-SEARCH: 707/5, 707/3, 707/2, 707/1, 707/10

## PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<u>4554631</u>	November 1985	Reddington	707/4
<u>5263159</u>	November 1993	Mitsui	707/5
<u>5488725</u>	January 1996	Turtle et al.	707/5
<u>5535382</u>	July 1996	Ogawa	707/5
<u>5598557</u>	January 1997	Donner et al.	707/5
<u>5642502</u>	June 1997	Driscoll	707/5
<u>5671404</u>	September 1997	Lizee et al.	707/5
<u>5675710</u>	October 1997	Lewis	706/12
<u>5765150</u>	June 1998	Burrows	707/5
<u>5787421</u>	July 1998	Nomiyama	707/5
<u>5848407</u>	December 1998	Ishikawa et al.	707/2
<u>5848410</u>	December 1998	Walls et al.	707/4
<u>5855015</u>	December 1998	Shoham	707/5
<u>5913215</u>	June 1999	Rubinstein et al.	707/10

## OTHER PUBLICATIONS

Boyd, Christine; "Interactive Query Refinement Tool for the Husky Search Web Search Service," Univ. of Washington, found on the Internet on Oct. 18, 1997.  
"Relevance Feedback for IR," found on the Internet on Oct. 18, 1997.

Kahle et al., "An Information System for Corporate Users: Wide Area Information Servers," found on Internet Oct. 18, 1997

"Information Retrieval Using a Human Memory Extension Model," found on Internet Oct. 18, 1997.

Hermans, Bjorn; "Intelligent Software Agents on the Internet: . . ." found on Internet Oct. 18, 1997.

ART-UNIT: 277

PRIMARY-EXAMINER: Kulik; Paul V.

ASSISTANT-EXAMINER: Robinson; Greta L.

ATTY-AGENT-FIRM: Koda, Esq.; Steven P.

**ABSTRACT:**

A user views search results and subjectively determines if a document is desirable or undesirable. Only documents categorized by the user are analyzed for deriving a list of prospective keywords. The frequency of occurrence of each word of each document is derived. Keywords that occur only in desirable documents are good keywords. Keywords that occur only in undesirable documents are bad keywords. Keywords that occurs in both types are dirty keywords. The best keywords are the good keywords with the highest frequency of occurrence. The worst keywords are the bad keywords with the highest frequency of occurrence. A new query phrase includes the highest ranked good keywords and performs filtering using the highest ranked bad keywords. Key phrases are derived to clean dirty keywords into good key phrases. A key phrase also is derived from a good keyword and replaces the good keyword to narrow a search.

43 Claims, 5 Drawing figures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

Generate Collection

Terms	Documents
5987457.pn.	1

Display

40

Documents, starting with Document:

1

**Display Format:**

FRO

Change Format

**WEST**

Generate Collection

## Search Results - Record(s) 1 through 1 of 1 returned.

☒ 1. Document ID: US 5987446 A

L18: Entry 1 of 1

File: USPT

Nov 16, 1999

US-PAT-NO: 5987446

DOCUMENT-IDENTIFIER: US 5987446 A

TITLE: Searching large collections of text using multiple search engines concurrently

DATE-ISSUED: November 16, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Corey; Douglas A.	Boulder	CO	N/A	N/A
Landauer; Thomas K.	Boulder	CO	N/A	N/A
Lochbaum; Karen E.	Boulder	CO	N/A	N/A

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
U.S. West, Inc.	Denver	CO	N/A	N/A	02
MediaOne Group, Inc.	Englewood	CO	N/A	N/A	02

APPL-NO: 8/ 747298

DATE FILED: November 12, 1996

INT-CL: [6] G06F 17/30

US-CL-ISSUED: 707/3; 707/5

US-CL-CURRENT: 707/3; 707/5

FIELD-OF-SEARCH: 707/4, 707/5, 707/1, 707/3

## PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<u>4839853</u>	June 1989	Deerwester et al.	364/900
<u>5301109</u>	April 1994	Landauer	364/419.19
<u>5619709</u>	April 1997	Caid et al.	395/794
<u>5642502</u>	June 1997	Driscoll	707/5

## OTHER PUBLICATIONS

"Esq., The Legal Basics", Lexis-Nexis Search Guide, No Date.  
Lochbaum et al., 1989, Information Proc. & Man., 25(6):665-76.  
Liddy et al. "DR.sub.-- LINK System: Phase I Summary" Tipster Proceedings of the First Workshop, pp. 93-112, conf date Sep. 1993, Apr. 1994.  
Liddy et al. "DR-LINK: A System Update for TREC-2", TREC-2 Text retrieval Caonfrence, pp. 85-99, Sep. 1993.  
Al-Hawamdeh et al. "Compound Document Processing System", Proceedings of the Fifteenth Annual International Computer software and Applications Conference pp. 640-644, Sep. 1991.  
Salton, G. et al. "A Vector Space Model for Automatic Indexing", Commun. ACM, vol. 18, No. 11, pp. 613-620, Nov. 1975.

ART-UNIT: 277

PRIMARY-EXAMINER: Choules; Jack M.

ATTY-AGENT-FIRM: Holme Roberts &amp; Owen LLP

## ABSTRACT:

An information retrieval system is disclosed, wherein the system includes a plurality of text search engines based on substantially different computational searching techniques. By activating each search engine with input from a user information request, the output from each of the search engines is combined into a single list of information items. A ranking process ranks the information items in the combined list by utilizing information item ordering data also received from each of the search engines as to the relevance of the information items output by the search engine to the user's request. Thus, by providing higher rankings to those information items determined to be most relevant to the user's request by each of (or a majority of) the search engines, these information items have been found to be highly consistent in satisfying the user's request for information.

29 Claims, 11 Drawing figures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

---

Generate Collection

---

Terms	Documents
5987446.pn.	1

---

Display

40

Documents, starting with Document:

1

**Display Format:**

FRO

Change Format

**WEST**

Generate Collection

**Search Results - Record(s) 1 through 1 of 1 returned.**☒ 1. Document ID: US 5873080 A

L16: Entry 1 of 1

File: USPT

Feb 16, 1999

US-PAT-NO: 5873080

DOCUMENT-IDENTIFIER: US 5873080 A

TITLE: Using multiple search engines to search multimedia data

DATE-ISSUED: February 16, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Coden; Anni Rosa	Riverdale	NY	N/A	N/A
Mak; Sue-Wen	Yorktown Heights	NY	N/A	N/A
Cholchin So; Edward	Flushing	NY	N/A	N/A

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE	CODE
International Business Machines Corporation	Armonk	NY	N/A	N/A		02

APPL-NO: 8/ 827318

DATE FILED: March 26, 1997

INT-CL: [6] G06F 17/00

US-CL-ISSUED: 707/3; 707/4, 707/5, 707/6, 707/1.02, 707/104

US-CL-CURRENT: 707/3; 707/102, 707/104, 707/4, 707/5, 707/6

FIELD-OF-SEARCH: 707/1-206, 348/714-720

## PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<u>5634051</u>	May 1997	Thomson	707/5
<u>5659732</u>	August 1997	Kirsch	707/5
<u>5703655</u>	December 1997	Corey et al.	348/468

## OTHER PUBLICATIONS

R. Fagin, Combining Fuzzy Information from Multiple Systems, Proc. 15th ACM Symp. on Principles of Database Systems, Montreal, 1996, pp. 216-226. (Pages renumbered 1-31.).

A. Pentland, R. W. Picrd and S. Sclaroff "Photobook: Tools for Content-Based Manipulation of Image Databases", MIT, SPIE vol. 2368, Image & Information Systems (1994) pp. 37-50.

W. Niblack, R. Barber, W. Equitz, M. Flickner, E. Glasman, D. Petkovic, P. P. Yanker, C. Faloutsos and G. Taubin, IBM Research Division, Almaden Research Center, San Jose, CA, SPIE vol. 1908 (1993), pp. 173-187.

J.P. Callan, W. B. Croft and S. M. Harding, "The INQUERY Retrieval System", Dept. of Computer Science, University of Massachusetts, Amherst, MA, pp. 78-83, No Date.

G. Salton and M. J. McGill, "Introduction to Modern Information Retrieval", Chapter 4, The SMART and SIRE Experimental Retrieval Systems, cGraw-Hill Book Company, 1983, pp. 118-156.

ART-UNIT: 271

PRIMARY-EXAMINER: Black; Thomas G.

ASSISTANT-EXAMINER: Jung; David Yiuk

ATTY-AGENT-FIRM: Percello; Louis J.

## ABSTRACT:

A query comprising of sub queries, each of which could be of different media types are used to search a collection of multimedia documents in a database. These sub queries are parsed according to media type and operators/functions between these sub queries are recorded creating a set of query objects and query operator objects. The query interface than passes the query objects to the appropriate application programming interfaces (API's) of the various search engines. Furthermore, it applies the query object operators to the respective interim results obtained by executing a query object. Then the interim results are combined in a global result object that is processed using a user specification to produce a single combined result list that conforms to user specified requirements.

11 Claims, 8 Drawing figures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

---

Generate Collection

Terms	Documents
5873080.pn.	1

---

Display

40

Documents, starting with Document:

1

**Display Format:**

FRO

Change Format

**WEST**

Generate Collection

**Search Results - Record(s) 1 through 1 of 1 returned.**☒ 1. Document ID: US 5864846 A

L7: Entry 1 of 1

File: USPT

Jan 26, 1999

US-PAT-NO: 5864846

DOCUMENT-IDENTIFIER: US 5864846 A

TITLE: Method for facilitating world wide web searches utilizing a document distribution fusion strategy

DATE-ISSUED: January 26, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Voorhees; Ellen M.	North Potomac	MD	N/A	N/A
Gupta; Narendra K.	Dayton	NJ	N/A	N/A

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Siemens Corporate Research, Inc.	Princeton	NJ	N/A	N/A	02

APPL-NO: 8/ 674646

DATE FILED: June 28, 1996

INT-CL: [6] G06F 17/30

US-CL-ISSUED: 707/5; 707/2, 707/3, 707/4

US-CL-CURRENT: 707/5; 707/2, 707/3, 707/4

FIELD-OF-SEARCH: 707/3, 707/5, 707/2, 707/4

## PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<u>4823306</u>	April 1989	Barbic et al.	707/6
<u>5404514</u>	April 1995	Kageneck et al.	707/5
<u>5442778</u>	August 1995	Pedersen et al.	707/5
<u>5576954</u>	November 1996	Driscoll	707/3
<u>5642502</u>	June 1997	Driscoll	707/5
<u>5659732</u>	August 1997	Kirsch	707/5
<u>5675819</u>	October 1997	Schuetze	1/1
<u>5706497</u>	January 1998	Takahashi et al.	707/5

## OTHER PUBLICATIONS

Bartell et al., "Automatic Combination of Multiple Ranked Retrieval Systems", Proceedings of SIGIR '94, Jul. 1994, pp. 173-181.

Belkin et al., "The Effect of Multiple Query Representations on Information System Performance", Proceedings of SIGIR '93, Jun. 1993, pp. 339-346.

Fox et al., "Combination of Multiple Searches", Proceedings of TREC-3, Apr. 1995, pp. 105-108.

Steinberg, "Seek and Ye Shall Find (Maybe)" Wired, vol. 4, #5, May 1996, pp. 1-18.

QuarterDeck, URL: <http://arachnid.qdeck.com/qdeck/products/webcompass>.

Towell et al., "Learning Collection Fusion Strategies for Information Retrieval", Proceedings of the 12th Annual Machine Learning Conference, Jul. 1995, pp. 540-548.

Voorhees et al., "The Collection Fusion Problem", Proceedings of TREC-3, NIST Special Publication 500-225, Apr. 1995, pp. 95-104.  
Voorhees et al., "Learning Collection Fusion Strategies", Proceedings of SIGIR '95, Jul. 1995, pp. 172-179.

ART-UNIT: 271

PRIMARY-EXAMINER: Lintz; Paul R.

ATTY-AGENT-FIRM: Ahmed; Adel A.

ABSTRACT:

A computer-implemented method for facilitating World Wide Web Searches and like database searches by combining search result documents, as provided by separate search engines in response to a query, into one single integrated list so as to produce a single document with a ranked list of pages, by forming a set of selected queries, the queries including respective terms, for which selected queries relevance data from past data is known, herein referred to as training queries, in a vector space comprising all training queries, the relevance data comprising judgments by a user as to whether a page is appropriate for a query which retrieved it. Further steps in the method are identifying a set of k most similar training queries to current query q, computing an average relevant document distribution of the k queries within the training queries' search results for each of the search engines, using the computed relevant document distributions, finding an optimal number of pages to select from the result set of each search engine when N total pages are to be retrieved, and creating a final retrieved set by forming the union of the top  $\lambda$  sub.s pages from each search engine.

15 Claims, 2 Drawing figures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

Generate Collection

Terms	Documents
5864846.pn.	1

Display

40

Documents, starting with Document:

1

Display Format:

FRO

Change Format

**WEST**

Generate Collection

## Search Results - Record(s) 1 through 1 of 1 returned.

☒ 1. Document ID: US 5966126 A

L5: Entry 1 of 1

File: USPT

Oct 12, 1999

US-PAT-NO: 5966126

DOCUMENT-IDENTIFIER: US 5966126 A

TITLE: Graphic user interface for database system

DATE-ISSUED: October 12, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Szabo; Andrew J.	Dobbs Ferry	NY	N/A	N/A

APPL-NO: 8/ 772650

DATE FILED: December 23, 1996

INT-CL: [6] G06F 3/00

US-CL-ISSUED: 345/348; 345/334

US-CL-CURRENT: 345/348; 345/334

FIELD-OF-SEARCH: 345/348, 345/326, 345/340, 345/341, 345/342, 345/343, 345/344, 345/345, 345/346, 345/347, 345/349, 345/350, 345/351, 345/352, 345/327-334

## PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<u>5418950</u>	May 1995	Li et al.	N/A
<u>5421008</u>	May 1995	Banning et al.	395/600
<u>5442738</u>	August 1995	Chapman et al.	N/A
<u>5452468</u>	September 1995	Peterson	395/800
<u>5515488</u>	May 1996	Hoppe et al.	N/A
<u>5542024</u>	July 1996	Balint et al.	345/340
<u>5544267</u>	August 1996	Mahoney et al.	N/A
<u>5668966</u>	September 1997	Ono et al.	345/356
<u>5678012</u>	October 1997	Kimmich et al.	345/327

## OTHER PUBLICATIONS

Bibliographic Information of Patent No. 5,175,814 Including Citing References.  
Bibliographic Information of Patent No. 4,674,042 Including Citing References.  
Bibliographic Information of Patent No. 4,674,043 Including Citing References.

ART-UNIT: 273

PRIMARY-EXAMINER: Sax; Steven P

ATTY-AGENT-FIRM: Milde, Hoffberg &amp; Macklin, LLP

## ABSTRACT:

A graphic user interface method for representing a search of a database, providing a plurality of stylized Venn diagrams each representing an intersection of at least two sets; receiving from the user, for each generic graphic icon, a selection of at least one region, defining an output data set; presenting the generic graphic icons on the graphic user interface as modified graphic icons, each having graphic indication of the selections; and receiving linkage information from the user for the modified graphic

selections; and receiving linkage information from the user for the modified graphic icons to represent a composite set inclusion property, based on the output data sets and the linkage information. Once a search is defined, it may be translated, as necessary, for execution by a typical database search engine. Retrieved results may be quantified and ranked by the interface system for optimal presentation to the user.

65 Claims, 25 Drawing figures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

Generate Collection

Terms	Documents
5966126.pn.	1

Display

40

Documents, starting with Document:

1

Display Format:

FRO

Change Format

**WEST**

Generate Collection

**Search Results - Record(s) 1 through 1 of 1 returned.**☒ 1. Document ID: US 5933822 A

L4: Entry 1 of 1

File: USPT

Aug 3, 1999

US-PAT-NO: 5933822

DOCUMENT-IDENTIFIER: US 5933822 A

TITLE: Apparatus and methods for an information retrieval system that employs natural language processing of search results to improve overall precision

DATE-ISSUED: August 3, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Braden-Harder; Lisa	Reston	VA	N/A	N/A
Corston; Simon H.	Seattle	WA	N/A	N/A
Dolan; William B.	Redmond	WA	N/A	N/A
Vanderwende; Lucy H.	Bellevue	WA	N/A	N/A

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Microsoft Corporation	Redmond	WA	N/A	N/A	02

APPL-NO: 8/ 898652

DATE FILED: July 22, 1997

INT-CL: [6] G06F 17/00

US-CL-ISSUED: 707/5; 707/3, 707/4

US-CL-CURRENT: 707/5; 707/3, 707/4

FIELD-OF-SEARCH: 707/5, 707/4, 707/3, 364/419.19, 395/708

## PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<u>5278980</u>	January 1994	Pederson et al.	707/4
<u>5544049</u>	August 1996	Henderson et al.	364/419.19
<u>5642502</u>	June 1997	Driscoll	707/5
<u>5671404</u>	September 1997	Lizee et al.	707/5
<u>5694592</u>	December 1997	Driscoll	707/3
<u>5706497</u>	January 1998	Takahashi et al.	707/5
<u>5724571</u>	March 1998	Woods	707/5
<u>5794050</u>	August 1998	Dahlgren et al.	395/708
<u>5826261</u>	October 1998	Spencer	707/5

## OTHER PUBLICATIONS

B. Katz, "Annotating the World Wide Web using Natural Language", Conference Proceedings of RIAO 97, Computer-Assisted Information Searching in Internet, McGill University, Quebec, Canada, Jun. 25-27 1997, vol. 1, pp. 136-155.

A. T. Arampatzis et al, "IRENA: Information Retrieval Engine based on Natural language Analysis", Conference Proceedings of RIAO 97, Computer-Assisted Information Searching in Internet, McGill University, Quebec, Canada, Jun. 25-27, 1997, vol. 1, pp. 159-175.

- R. Pohlmann et al, "The Effect of Syntactic Phrase Indexing on Retrieval Performance for Dutch Tests", Conference Proceedings of RIAO 97, Computer-Assisted Information Searching in Internet, McGill University, Quebec, Canada, Jun. 25-27, 1997, vol. 1, pp. 176-187.
- M. Mitra et al, "An Analysis of Statistical and Syntactic Phrases", Conference Proceedings of RIAO 97, Computer-Assisted Information Searching in Internet, McGill University, Quebec, Canada, Jun. 25-27, 1997, vol. 1, pp. 200-214.
- P. Bruza et al, "Query ReFormulation on the Internet: Empirical Data and the Hyperindex Search Engine", Conference Proceedings of RIAO 97, Computer-Assisted Information Searching in Internet, McGill University, Quebec, Canada, Jun. 25-27, 1997, vol. 1, pp. 488-499.
- G. Grefenstette, "SQLET: Short Query Linguistic Expansion Techniques, Palliating One-Word Queries by Providing Intermediate Structure to Text", Conference Proceedings of RIAO 97, Computer-Assisted Information Searching in Internet, McGill University, Quebec, Canada, Jun. 25-27, 1997, vol. 1, pp. 500-509.
- R. Chandrasekar et al, "Using Syntactic Information in Document Filtering: A Comparative Study of Part-of-Speech Tagging and Supertagging", Conference Proceedings of RIAO 97, Computer-Assisted Information Searching in Internet, McGill University, Quebec, Canada, Jun. 25-27, 1997, vol. 1, pp. 531-545.
- M.A. Hearst, "TextTiling: Segmenting Text into Multi-paragraph Subtopic Passages", Computational Linguistics, vol. 23, No. 1, 1997, pp. 33-64.
- O. Etzioni, "The World-Wide Web: Quagmire or Gold Mine", Communications of the ACM, Nov. 1996, vol. 39, No. 11, pp. 65-68.
- T. Strzalkowski, "Natural Language Information Retrieval: TIPSTER-2 Final Report", Proceedings of Advances in Text Processing: Tipster Program Phase 2, DARPA, May 6-8, 1996, Tysons Corner, Virginia, pp. 143-148.
- D. D. Lewis et al, "Natural language Processing for Information Retrieval", Communications of the ACM, Jan. 1996, vol. 39, No. 1, pp. 92-101.
- T. Strzalkowski, "Natural Language Information Retrieval", Information Processing and Management, vol. 31, No. 3, 1995, pp. 397-417.
- K. Jensen et al (editors), Natural Language Processing: The PLNLP Approach (.COPYRGT. 1993, Kluwer Academic Publishers), Chapter 3 "PEG: The PLNLP English Grammar", pp. 29-45 and Chapter 16 "PEGASUS: Deriving Argument Structures after Syntax", pp. 203-214.
- J. L. Fagan, "Experiments in Automatic Phrase Indexing for Document Retrieval: A Comparison of Syntactic and Non-Syntactic Methods", Ph.D. Thesis, Cornell University, 1988, pp. i-261.

ART-UNIT: 271

PRIMARY-EXAMINER: Amsbury; Wayne

ASSISTANT-EXAMINER: Pardo; Thuy

ATTY-AGENT-FIRM: Michaelson & Wallace Michaelson; Peter L.

#### ABSTRACT:

Apparatus and accompanying methods for an information retrieval system that utilizes natural language processing to process results retrieved by, for example, an information retrieval engine such as a conventional statistical-based search engine, in order to improve overall precision. Specifically, such a search ultimately yields a set of retrieved documents. Each such document is then subjected to natural language processing to produce a set of logical forms. Each such logical form encodes, in a word-relation-word manner, semantic relationships, particularly argument and adjunct structure, between words in a phrase. A user-supplied query is analyzed in the same manner to yield a set of corresponding logical forms therefor. Documents are ranked as a predefined function of the logical forms from the documents and the query. Specifically, the set of logical forms for the query is then compared against a set of logical forms for each of the retrieved documents in order to ascertain a match between any such logical forms in both sets. Each document that has at least one matching logical forms is heuristically scored, with each different relation for a matching logical forms being assigned a different corresponding predefined weight. The score of each such document is, e.g., a predefined function of the weights of its uniquely matching logical forms. Finally, the retained documents are ranked in order of descending score and then presented to a user in that order.

123 Claims, 27 Drawing figures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

Generate Collection

**WEST**

Generate Collection

**Search Results - Record(s) 1 through 1 of 1 returned.**☒ 1. Document ID: US 5983216 A

L8: Entry 1 of 1

File: USPT

Nov 9, 1999

US-PAT-NO: 5983216

DOCUMENT-IDENTIFIER: US 5983216 A

TITLE: Performing automated document collection and selection by providing a meta-index with meta-index values indentifying corresponding document collections

DATE-ISSUED: November 9, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kirsch; Steven T.	Los Altos	CA	N/A	N/A
Chang; William I.	Mountain View	CA	N/A	N/A

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Infoseek Corporation	Sunnyvale	CA	N/A	N/A	02

APPL-NO: 8/ 928294

DATE FILED: September 12, 1997

INT-CL: [6] G06F 17/30

US-CL-ISSUED: 707/2; 707/3, 707/4, 707/5

US-CL-CURRENT: 707/2; 707/3, 707/4, 707/5

FIELD-OF-SEARCH: 707/2, 707/3, 707/4, 707/5, 704/256

## PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<u>5483650</u>	January 1996	Pedersen et al.	707/2
<u>5619709</u>	April 1997	Caid et al.	707/532
<u>5642502</u>	June 1997	Driscoll	707/5
<u>5649186</u>	July 1997	Ferguson	707/10
<u>5684999</u>	November 1997	Okamoto	704/9
<u>5692176</u>	November 1997	Holt et al.	707/5
<u>5745890</u>	April 1998	Burrows	707/3
<u>5745898</u>	April 1998	Burrows	707/101
<u>5745899</u>	April 1998	Burrows	707/102
<u>5819258</u>	October 1998	Vaithyanathan et al.	707/2
<u>5822731</u>	October 1998	Schultz	704/256
<u>5873080</u>	February 1999	Coden	707/3
<u>5911140</u>	June 1999	Tukey et al.	707/5

ART-UNIT: 271

PRIMARY-EXAMINER: Lintz; Paul R.

ASSISTANT-EXAMINER: Colbert; Ella

ATTY-AGENT-FIRM: Lovejoy; David E.

ABSTRACT:

## ABSTRACT:

A method of performing automated collection selection relative to a plurality of document collections, each including one or more documents, using a list of qualified terms developed from an input query text. The method comprises the steps of: (a) parsing the input query text to select single-word terms and multiple-word phrase terms from the query text by exclusion of predetermined context-free single-word terms and punctuation; (b) applying each such selected term against a meta-index descriptive of the document collections; (c) determining cumulative rankings for the document collections relative to each such selected term normalized against the plurality of document collections; and (d) selecting a set of the document collections having the highest relative cumulative rankings.

18 Claims, 6 Drawing figures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

Generate Collection

Terms	Documents
5983216.pn.	1

Display

40

Documents, starting with Document:

1

Display Format:

FRO

Change Format

**WEST**

Generate Collection

L12: Entry 8 of 19

File: USPT

Jun 27, 2000

US-PAT-NO: 6081805

DOCUMENT-IDENTIFIER: US 6081805 A

TITLE: Pass-through architecture via hash techniques to remove duplicate query results

DATE-ISSUED: June 27, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Guha; Ramanathan V.	Los Altos	CA	N/A	N/A

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE	CODE
Netscape Communications Corporation	Mountain View	CA	N/A	N/A	02	

APPL-NO: 8/ 929352

DATE FILED: September 10, 1997

## PARENT-CASE:

CROSS-REFERENCE TO RELATED APPLICATIONS The present application is related to application Ser. No. 08/925,786, entitled "A Method And System For Performing Conceptual Joins Across Fields Of A Database" (NETS0028) and application Ser. No. 08/925,632, entitled "Heuristic Co-Identification of Objects Across Heterogeneous Information Sources" (NETS0030) filed on the same date as the present application and assigned to the assignee of the present application.

INT-CL: [7] G06F 17/30

US-CL-ISSUED: 707/5; 707/3, 707/2, 707/4

US-CL-CURRENT: 707/5; 707/2, 707/3, 707/4

FIELD-OF-SEARCH: 707/5, 707/4, 707/3, 707/2

## PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

Search Selected

Search ALL

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>4879648</u>	November 1989	Cochran et al.	345/353
<input type="checkbox"/>	<u>4961139</u>	October 1990	Hong et al.	N/A
<input type="checkbox"/>	<u>5488725</u>	January 1996	Turtle et al.	707/5
<input type="checkbox"/>	<u>5555405</u>	September 1996	Griesmer et al.	395/600
<input type="checkbox"/>	<u>5598559</u>	January 1997	Chaudhuri	707/2
<input type="checkbox"/>	<u>5659737</u>	August 1997	Matsuda	707/101
<input type="checkbox"/>	<u>5727196</u>	March 1998	Strauss, Jr. et al.	707/2
<input type="checkbox"/>	<u>5768532</u>	June 1998	Megerian	395/200.75
<input type="checkbox"/>	<u>5873080</u>	February 1999	Coden et.al.	707/3
<input type="checkbox"/>	<u>5895465</u>	April 1999	Guha	707/4
<input type="checkbox"/>	<u>5943665</u>	August 1999	Guha	707/2

## OTHER PUBLICATIONS

Knight-Ridder Information, "Patent Duplicate Identification on Dialog", pp 001-010, Apr. 30, 1996.  
Dialog Chronolog, "Now you can Identify Duplicate records on Dialog", Dec. 1989.  
Knight-Ridder Information, "Dialog Pocket Guide", Oct. 1995.  
Detwiler, "Setting your sights on target", vol. 22, p. 87-88, Inspec, Jan. 1993.  
Celko Joe, "How to deal with duplicate", V8, n4, p20(4), Apr. 1995.  
Wilton et al., "Mega-searching from the desktop", v21, n3, p89-91, Jun. 1997.  
Udi Manbar, "Finding similar files in a large file system", p 1-10, Oct. 1993.

ART-UNIT: 271

PRIMARY-EXAMINER: Black; Thomas G.

ASSISTANT-EXAMINER: Corriellus; Jean M.

ATTY-AGENT-FIRM: Glenn; Michael A. Wong; Kirk

## ABSTRACT:

A method and system for removing duplicate query results in a database system comprising a plurality of data sources. The method and system includes issuing a query from a user to a first data source. In response to receiving a first query result from the data source, a first hash index is computed for the first query result and the first query result is passed on to the user. The method and system further includes receiving a second query result and computing a second hash index for the second query result. The first hash index is then compared with the second hash index to check for a hash collision. If the first, and second hash indexes match, the first data source is queried for data corresponding to the second query result. And if the first data source contains the data, then the second query result is considered a duplicate and is discarded.

18 Claims, 4 Drawing figures

**WEST****Generate Collection****Search Results - Record(s) 1 through 2 of 2 returned.**☐ 1. Document ID: US 20010000047 A1

L2: Entry 1 of 2

File: PGPB

Mar 15, 2001

PGPUB-DOCUMENT-NUMBER: 20010000047  
PGPUB-FILING-TYPE: new-utility  
DOCUMENT-IDENTIFIER: US 20010000047 A1

TITLE: Methods and apparatus for linking a program for remote execution

PUBLICATION-DATE: March 15, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Madany, Peter W.	Fremont	CA	US	
Tuck, Richard	San Francisco	CA	US	
Fresko, Nedim	San Francisco	CA	US	

APPL-NO: 09/ 726609

DATE FILED: December 1, 2000

## RELATED-US-APPL-DATA:

RLAN	RLFD	RLPC	RLKC	RLAC
09726609	Dec 1, 2000	PENDING	A1	US
09044904	Mar 20, 1998			

INT-CL: [07] G06F 9/45

US-CL-PUBLISHED: 717/2; 717/10, 709/203

US-CL-CURRENT: 717/2; 709/203, 717/10

REPRESENTATIVE-FIGURE: 6

## ABSTRACT:

A linkage editor executing at a server receives instructions for packaging software components that are required for program execution at a client. The linkage editor generates an output file by iteratively analyzing the program for references to other software components and extracting those components from their parent classes. The linkage editor sends the completed output file to an interface task, which transmits it to the client.

## RELATED APPLICATIONS

1. The following U.S. patent application is relied upon and is incorporated by reference in this application: U.S. Patent Application No. .sub.----- entitled "Methods and Apparatus for Packaging a Program for Remote Execution," bearing attorney docket no. 06502.0073-00000, and filed on the same date herewith.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

☐ 2. Document ID: US 20010000046 A1

PGPUB-DOCUMENT-NUMBER: 20010000046  
PGPUB-FILING-TYPE: new-utility  
DOCUMENT-IDENTIFIER: US 20010000046 A1

TITLE: Architecture for a processor complex of an arrayed pipelined processing engine

PUBLICATION-DATE: March 15, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wright, Michael L.	Raleigh	NC	US	
Kerr, Darren	Palo Alto	CA	US	
Key, Kenneth Michael	Raleigh	NC	US	
Jennings, William E.	Cary	NC	US	

APPL-NO: 09/ 727068

DATE FILED: November 30, 2000

RELATED-US-APPL-DATA:

RLAN	RLFD	RLPC	RLKC	RLAC
09727068	Nov 30, 2000	PENDING	A1	US
09106436	Jun 29, 1998			

INT-CL: [07] G06F 15/173

US-CL-PUBLISHED: 712/11; 712/17, 712/225, 709/238

US-CL-CURRENT: 712/11; 709/238, 712/17, 712/225

REPRESENTATIVE-FIGURE: 4

ABSTRACT:

A processor complex architecture facilitates accurate passing of transient data among processor complex stages of a pipelined processing engine. The processor complex comprises a central processing unit (CPU) coupled to an instruction memory and a pair of context data memory structures via a memory manager circuit. The context memories store transient "context" data for processing by the CPU in accordance with instructions stored in the instruction memory. The architecture further comprises data mover circuitry that cooperates with the context memories and memory manager to provide a technique for efficiently passing data among the stages in a manner that maintains data coherency in the processing engine. An aspect of the architecture is the ability of the CPU to operate on the transient data substantially simultaneously with the passing of that data by the data mover.

CROSS-REFERENCE TO RELATED APPLICATIONS

1. This invention is related to the following copending U.S. Patent Applications:
2. U.S. patent application Ser. No. (112025-0077) titled, PROGRAMMABLE ARRAYED PROCESSING ENGINE ARCHITECTURE FOR A NETWORK SWITCH;
3. U.S. patent application Ser. No. (112025-0083) titled, SYSTEM FOR CONTEXT SWITCHING BETWEEN PROCESSING ELEMENTS IN A PIPELINE OF PROCESSING ELEMENTS; and
4. U.S. patent application Ser. No. (112025-0084) titled, SYNCHRONIZATION AND CONTROL SYSTEM FOR AN ARRAYED PROCESSING ENGINE, each of which was filed on even date herewith and assigned to the assignee of the present invention.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

Generate Collection

Terms	Documents
(((709/\$)!.CCLS.))	2

Documents, starting with Document:

**Display Format:**

**WEST****End of Result Set**

Generate Collection

L5: Entry 1 of 1

File: PGPB

Mar 15, 2001

PGPUB-DOCUMENT-NUMBER: 20010000044  
PGPUB-FILING-TYPE: voluntary  
DOCUMENT-IDENTIFIER: US 20010000044 A1

TITLE: Systems and Methods For Transacting Business Over A Global Communications Network  
Such As The Internet

PUBLICATION-DATE: March 15, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lin , Wayne W	Irvine	CA	US	

US-CL-CURRENT: 705/26; 705/37

## CLAIMS:

## Claims

1.A method of doing business over a global communications network comprising the steps:

communicating to a buyer via the global communications network, a description of a product;

accepting a first request from the buyer to buy the product for a price to be determined within a price range;

accepting a second request from the buyer to allow the price to be determined based upon a performance of the buyer while participating in a Price-Determining-Activity (PDA) selected by the buyer;

receiving data from the buyer over the global communications network, said data representing the performance of the buyer during the selected PDA; and

determining the price of the product based at least partially upon the data received, said price being within the price range.

2.The method of claim 1, further comprising the step of accepting payment information from the buyer over the global communications network.

3.The method of claim 1, further comprising the step of presenting to the buyer over the global communications network, a plurality of PDAs to choose from, said presentation of the plurality of PDAs occurring before accepting the second request from the buyer.

4.The method of claim 3, further comprising the step of presenting price determination rules to the buyer over the global communications network, said price determination rules being associated with the plurality of PDAs.

5.The method of claim 4, wherein the PDA is a video game.

6.The method of claim 1, further comprising the step of associating the selected PDA with the product based at least partially upon a number of participants required for execution of the selected PDA.

7.The method of claim 1, further comprising the step of sending price data to the buyer via the global communications network, said price data representing the price.

8.The method of claim 1, further comprising the step of accepting offer data from the

seller representing an offer from the seller to sell the product within the price range.

9.The method of claim 1, wherein the selected PDA requires participation of at least one person in addition to the buyer.

10.The method of claim 1, wherein the steps of accepting the first request from the buyer, accepting the second request from the buyer, and receiving the performance data from the buyer, are performed by a master controller.

11.The method of claim 1, wherein the price is determined at least partially upon participation of the buyer in an auction.

12.The method of claim 1, wherein the global communications network is the Internet.

13.A method of determining a price of a product using a global communications network, comprising the steps:

communicating to a buyer via the global communications network, data representing a plurality of products available, said plurality of products including a first product;

accepting acknowledgement from the buyer representing an intent of the buyer to buy the first product at a price to be determined based upon a performance of the buyer while participating in a Price-Determining-Activity (PDA), said acknowledgement being communicated over the global communications network;

determining the performance of the buyer; and

assigning a price to the product, said price being dependent upon the performance of the buyer.

14.The method of claim 13, further comprising the step of receiving data over the global communications network representing an election of the buyer to select the PDA.

15.The method of claim 13, further comprising the step of accepting payment information from the buyer over the global communications network.

16.The method of claim 13, wherein the price to be determined is within a price range, and further comprising the step of communicating the price range to the buyer over the global communications network.

17.The method of claim 16, wherein the PDA includes participation of a second buyer, and further comprising the step of communicating to the buyer and to the second buyer over the global communications network, price determination rules.

18.The method of claim 13 wherein the price is dependent at least partially upon a bid selected by the buyer and received over the global communications network.

19.A system for conducting e-commerce over a global communications network, comprising:

a computer server having access to the global communications network, and being programmed to:

a) communicate to a buyer via the global communications network, data representing a plurality of products, said plurality of products including a first product;

b) accept acknowledgement from the buyer representing an intent of the buyer to buy the first product at a price to be determined dependent on a performance of the buyer while participating in a Price-Determining-Activity (PDA), said acknowledgement being communicated over the global communications network;

c) determine the performance of the buyer based upon data received over the global communications network; and

d) assign a price to the product, said price being dependent upon the performance of the buyer.

20.The system of claim 19, wherein the PDA comprises computer-executable code sent to the buyer over the global communications network.

21.The system of claim 20, wherein the server is further programmed to process payment information of the buyer communicated over the global communications network.

**WEST****End of Result Set**

Generate Collection

L11: Entry 2 of 2

File: USPT

Oct 20, 1998

DOCUMENT-IDENTIFIER: US 5826261 A

TITLE: System and method for querying multiple, distributed databases by selective sharing of local relative significance information for terms related to the query

## DEPR:

The document database 103 coupled to a database computer 102 may have any useful internal architecture or schema, and operate with various search engines in the database management system 104. The document database 103 preferably accommodates anywhere from several thousand to hundreds of thousands of documents, providing persistent storage thereof in a set of document text files 115. The document databases 103 are preferably conventional file systems, though relational, object oriented, or network database architectures may also be used.

## DEPR:

In accordance with the present invention, each of the document databases 103 may be constructed and maintained independently of any of the other database 103. That is, no central coordination of the databases 103 is needed, whether for defining the specific schemas of the databases, their method for document representation, or their general search or document scoring algorithms. Each database computer 102 and database 103 can provide any public or proprietary scoring algorithm or document representation, so long as the necessary analysis, synchronization, and retrieval operations are supported. This flexibility of the present invention enables it to operate with multiple, heterogeneous, distributed, document databases 103 that are controlled by numerous third parties.

## DEPR:

One of the benefits of the present invention is that no meta-server or query router is required for implementation with the multiple document databases. In some conventional information retrieval systems that operate on multiple document databases, there is provided a query router that manages the query between the client and the database computers 102. Generally, the query router performs the coordination of the various databases, and typically routes the query to the various databases, and then weights the document scores from each database before sending the merged results to the client. In such conventional systems, the query router requires substantial information about each of the document databases, and is intimately involved in the document scoring process. In the present invention, because a query router is not used for weighting results from different document databases, a query may be routed to any or every available host if desired by the client computer 101. This may be quite practical for networks with a fairly small number of document databases 103. On the other hand, if there are many document databases 103, a query router can be used merely to select a subset of the document databases as prime candidates for processing the query.

## CCOR:

707/5

## CCXR:

707/1

## CCXR:

707/10

## CCXR:

707/2

## CCXR:

707/3

Set	Items	Description
S1	684	AU=(LAWRENCE, S? OR LAWRENCE S? OR GILES C? OR GILES, C?)
S2	152527	(QUER? OR SEARCH?) (2N) (ENGINE? OR SERVICE? OR SITE? OR SYSTEM? OR AGENT? OR TOOL? ?)
S3	1775	(MEGA OR META) () SEARCH? OR METASEARCH? OR MEGASEARCH?
S4	7100	S2(3N) (MULTIPL? OR SEVERAL? OR MANY OR PLURAL? OR TWO OR ADDITIONAL?)
S5	1081767	SIMULTANEOUS? OR COOCCUR? OR SAME() TIME? OR SEQUENTIAL? OR SAME() (SEARCH? OR QUER? OR REQUEST?)
S6	1672	S4 AND S5
S7	6272	S4 AND (WWW OR INTERNET? OR INTRANET? OR ONLINE? OR ON() LINE? OR WORLD() WIDE() WEB? OR WAN)
S8	161	S3(S) S4(S) S5(S) S7
S9	0	S1 AND S4 AND S5
S10	144	S3(10N) S4(10N) S5 AND S7
S11	95	RD (unique items)
S12	30	S11 NOT PY>1997
S13	27	S12 NOT PD>970710
File	88:	Gale Group Business A.R.T.S. 1976-2001/Mar 06 (c) 2001 The Gale Group
File	15:	ABI/Inform(R) 1971-2001/Mar 05 (c) 2001 Bell & Howell
File	16:	Gale Group PROMT(R) 1990-2001/Mar 05 (c) 2001 The Gale Group
File	9:	Business & Industry(R) Jul/1994-2001/Mar 05 (c) 2001 Resp. DB Svcs.
File	13:	BAMP 2001/Feb W4 (c) 2001 Resp. DB Svcs.
File	734:	Dayton Daily News Oct 1990- 2001/Mar 04 (c) 2001 Dayton Daily News
File	810:	Business Wire 1986-1999/Feb 28 (c) 1999 Business Wire
File	623:	Business Week 1985-2001/Mar W1 (c) 2001 The McGraw-Hill Companies Inc
File	647:	CMP Computer Fulltext 1988-2001/Mar W1 (c) 2001 CMP
File	98:	General Sci Abs/Full-Text 1984-2001/Jan (c) 2001 The HW Wilson Co.
File	148:	Gale Group Trade & Industry DB 1976-2001/Mar 05 (c) 2001 The Gale Group

13/3,K/1 (Item 1 from file: 88)  
DIALOG(R) File 88:Gale Group Business A.R.T.S.  
(c) 2001 The Gale Group. All rts. reserv.

04268119 SUPPLIER NUMBER: 19437769 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Two Web bloodhounds. (FerretSoft LLC NetFerret Suite, Quarterdeck  
WebCompass Internet search software) (Software Review) (Evaluation)  
Olsen, J.W.  
PC Magazine, v16, n11, p62(2)  
June 10, 1997  
DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 658 LINE COUNT: 00055

Two Web bloodhounds. (FerretSoft LLC NetFerret Suite, Quarterdeck  
WebCompass Internet search software) (Software Review) (Evaluation)

...ABSTRACT: NetFerret Suite and Quarterdeck's WebCompass are offline  
browsing tools that let users perform 'meta-searches' of multiple  
engines to find desired URLs. NetFerret Suite consists of six fast and  
intuitive utilities that use...

...the Start menu. The program has tools for Web, disk file, E-mail,  
telephone-number, Internet Relay Chat and newsgroup searches and has a  
variety of contextual options. It is a bargain at \$29.95. WebCompass,  
priced at \$50, specializes in Web metasearching and supports 35 search  
engines out of the box, more than any competitor. It queries multiple  
search engines simultaneously and lets users refine queries for reuse.  
The program adeptly ranks search results for relevancy.

The day when you'll be able to find a needle in the Internet  
haystack without fuss or muss has just gotten closer with FerretSoft LLC's  
\$29.95...

...find the URLs you want. Nor do you have to delve through a half-dozen  
online databases to find someone's e-mail address.

FerretSoft LLC: NetFerret Suite

NetFerret Suite is the Swiss Army knife of Internet search tools.  
The package currently contains six fast, intuitive utilities that occupy a  
frugal 7MB...

...Start menu's Find option.

When you enter a search term in the WebFerret utility ([www.ferretsoft.com/netferret/download.htm](http://www.ferretsoft.com/netferret/download.htm)), it invokes your Internet  
connection and uses the most popular search engines to retrieve pages  
matching your criteria. You...

...opens and whisks you to its site.

The other five ferrets behave similarly. PhoneFerret searches online  
telephone white pages, and EmailFerret checks online e-mail databases.  
FileFerret tracks down files on the Internet, while IRCFerret and  
NewsFerret check Internet Relay Chat servers and all newsgroups on your  
news server, respectively.

Like all suite utilities...

...phone-number searches by city. On the other hand, more sophisticated  
options found in many online databases (such as proximity operators)  
aren't supported.

These domesticated polecats won't drive every Internet rabbit from  
its burrow--they're only as good as the databases where they hunt. But  
until Internet-search technology itself matures, Net-Ferret Suite will be  
among your favorite pets.

NetFerret Suite...

...95. Requires: 8MB RAM, 7MB hard disk space, Windows 95 or Windows NT  
4.0, Internet connection with 32-bit TCP/IP stack. FerretSoft LLC,  
Pickerington, OH; 614-755-3891; [www.ferretsoft.com](http://www.ferretsoft.com).

Quarterdeck: WebCompass

If NetFerret offers something for everyone, then WebCompass 2.0 is...  
...initial release to a 32-bit desktop application in Version 2.0.

Like Symantec's **Internet FindFast**, WebCompass **queries multiple search engines** simultaneously. On one test we performed, WebCompass submitted 70 tasks simultaneously and then processed the...

...Corp., Marina del Rey, CA; 800-683-6996, 813-523-9700; fax,  
813-354-3329; **www .quarterdeck.com**.

DESCRIPTORS: **World Wide Web --**

...TRADE NAMES: NetFerret Suite (**Internet** search software...)

13/3,K/2 (Item 2 from file: 88)  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
(c) 2001 The Gale Group. All rts. reserv.

04208115 SUPPLIER NUMBER: 19150092 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Navigating to knowledge: tools for finding information on the Internet**  
**.(JAMA NetSight: A Guide to Interactive Medicine)**  
Peters, Richard; Sikorski, Robert  
JAMA, The Journal of the American Medical Association, v277, n6, p505(2)  
Feb 12, 1997  
ISSN: 0098-7484 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2137 LINE COUNT: 00179

**Navigating to knowledge: tools for finding information on the Internet**  
**.(JAMA NetSight: A Guide to Interactive Medicine)**

ABSTRACT: There are **many search engines** that can find information on the **Internet** . Search engines can search the **Internet** on a specific keyword and retrieve all Web sites that contain information about that topic...

... information quickly and reliably to become more efficient in their practices?

In both cases, the **Internet** can be a valuable clinical tool--if one knows where to look. This article will explore the fundamentals of searching for information on the Net, especially the **World Wide Web** . After reading this article, readers should be able to find medical information, like the latest...

...of a patient's former primary care provider.

What's So Difficult About Searching the **Internet** Anyway?

Imagine walking into the world's largest library only to find all of the...

...have been reviewed. Advanced users who know what they are looking for will find the **WWW** Virtual Library to be an excellent directory. Medsite Navigator, our own site, is a directory...

...the Net do not necessarily return the same results. Hence, we advise novices to try **several search engines** to determine which seems most appropriate for their needs.

For novice Net users, Excite (50...used to rapidly exclude undesired results.

The latest trend in Web search technology is the **metasearch** engine. These **sites** let users **query several search engines** from a single interface, obviating the need to connect to **several search engine sites** to run **multiple** queries. The majority of **metasearches** will query multiple databases, but only 1 at a time. A true **metasearch** is run in parallel, querying all databases **simultaneously** . MetaCrawler Searching and MetaSearch at Highway 61 are our 2 favorites. They query the major...

...duplicate entries.

If none of these tools yields the desired information, users may turn to **Internet Sleuth**, which has a comprehensive collection of more than 1500 searchable databases.

Finding Newsgroup Postings...

2. Venditto G. Search engine showdown. **Internet World**. May 1996:79-86 (<http://www.internetworld.com/1996/05/showdown.html>).
3. Singh A, Lidsky D. All-out search. PC Magazine. December 1996:213-249 (<http://www.pcmagazine.com/lu/srchsite/--open.htm>).
4. Williams J. Bors and Other **Internet** Beasts. Indianapolis, Ind: Sams.net Publishing; 1996.
5. Ferguson T. **Health Online**. Reading, Mass: Addison-Wesley Publishing Co; 1996:201-236.

...

DESCRIPTORS: **World Wide Web** --...

...**Online** searching

13/3,K/3 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2001 Bell & Howell. All rts. reserv.

01447928 00-98915

**Search and sort**

Hibbard, Justin

Informationweek n638 PP: 65 Jul 7, 1997

ISSN: 8750-6874 JRNL CODE: IWK

WORD COUNT: 263

ABSTRACT: Prompt Software Inc.'s new WebSleuth simultaneously **queries multiple search engines** such as Yahoo! and Alta Vista. It then scans the retrieved pages and builds an...

TEXT: Headnote:

WebSleuth **queries multiple engines** and linguistically analyzes the results

An **Internet** search tool introduced last week goes beyond standard search engines by analyzing the Web pages it finds and giving users an index of key words and phrases.

Like other "metasearch" products, WebSleuth from Prompt Software Inc. in Novato, Calif., **simultaneously queries multiple search engines** such as Yahoo! and Alta Vista. It then scans the retrieved pages and builds an index. Rival tools such as **Internet FastFind** from Symantec Corp. in Cupertino, Calif., and WebCompass from Quarterdeck Corp. in Marina del...

...90MHz Pentium system.

WebSleuth is available for \$79.95 from Prompt Software's Web site ([www.promptsoftware.com](http://www.promptsoftware.com)). -Justin Hibbard

(Illustration Omitted)

Captioned as: Take a peek: Prompt's WebSleuth lets...

DESCRIPTORS: **World Wide Web** ;

13/3,K/4 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2001 Bell & Howell. All rts. reserv.

01419384 00-70371

**Mega-searching from the desktop**

Notess, Greg R

Online v21n3 PP: 89-91 May/June 1997

ISSN: 0146-5422 JRNL CODE: ONL

WORD COUNT: 2334

ABSTRACT: A growing number of vendors are offering software that not only **queries multiple search engines** on the **Internet** simultaneously,

One very troubling aspect is that searching the mega-search...

... hits as searching each of the constituent databases alone. Try a search directly on the **Internet** search engine, and then compare the results that the desktop programs list. In a few...

... maximum search features and capabilities, it is still easier to go directly to the individual **Internet** databases and search each one. However, one very useful feature of these desktop tools is their capability of post-processing search results. Due to the very changeable nature of the **Internet**, all of the search engines include dead links, URLs that no longer point to any...

... or another. Unfortunately, duplicate detection and removal can be a complex task. For example, <http://www.name.net>, <http://name.net/>, and <http://name.net:80> can all refer to the exact same location on the **Internet**, although they may not. Excite often adds the port number to URLs in its database...

... results list. The searcher can browse the cached files, without the graphics, and then connect **online** to the actual site if needed. SORTING

Unlike most of the **Internet** search engines themselves, these desktop products all provide the very useful feature of sorting. EchoSearch...stop truncation and produce more even results.

For those with the required operating system and **Internet** connection, these desktop mega-searchers can be a useful search aid. For searches needing complex...

DESCRIPTORS: **Internet** ;

13/3,K/5 (Item 3 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
(c) 2001 Bell & Howell. All rts. reserv.

01384691 00-35678

**Dig up research down in the data mines**

Greengard, Samuel

Workforce v76n3 PP: 80-81 Mar 1997

ISSN: 0031-5745 JRNL CODE: PEJ

WORD COUNT: 495

ABSTRACT: The key to mining data on the **World Wide Web** is to understand what search tools exist and how to use them. The challenge is ...

...TEXT: s possible to have the world at your fingertips, thanks to the power of the **World Wide Web**. The next time someone tells you that the **Internet** is a giant wasteland and a colossal vortex of time, invite him or her to...

... 75 million Web pages now exist. Says Betsy Richter, editor-in-chief for Excite (<http://www.excite.com>), a Web search engine based out of Mountain View, California: "The amount of information on the Web is staggering. A good search engine is to the **Internet** what the 'TV Guide' is to television."

Browsers such as Netscape Navigator and Microsoft **Internet** Explorer feature search buttons that take you directly to a search page, which typically offers **several search engines**. Try <http://home.netscape.com/home/inter-net-search.html>, if you're using Netscape...

...to Disney on Excite.

But basic search engines aren't the only game in town. **Metasearch** sites,

such as MetaCrawler, ProCision and Al40ne, ratchet up the capabilities by conducting **searches** on **several engines simultaneously**. And a slew of new programs, such as Symantec's FastFind, provide powerful software that...

DESCRIPTORS: **World Wide Web** ;

13/3,K/6 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2001 Bell & Howell. All rts. reserv.

01343418 99-92814

Internet "OneSearch" with the mega search engines  
Notess, Greg R  
Online v20n6 PP: 36-39 Nov/Dec 1996  
ISSN: 0146-5422 JRNL CODE: ONL  
WORD COUNT: 2347

Internet "OneSearch" with the mega search engines

ABSTRACT: The introduction of DIALOG's OneSearch was hailed in the **online** community as a major step forward in **online** searching. The ability to search multiple databases simultaneously greatly simplified the search process and saved both time and money. Numerous sites on the **Internet** have tackled the task of creating a mega search page for **searching multiple search engines**. These all-in-one pages include sites such as the All-in-One page (<http://www.albany.net/allinone/>), MetaCrawler (<http://www.metacrawler.com/>), SavvySearch (<http://guardalid.cs.colostate.edu:2000>), and more. Like the **search engines** themselves, these **multiple** database searchers each have their own advantages and disadvantages. Since each search engine uses different...

TEXT: The introduction of DIALOG's OneSearch was hailed in the **online** community as a major step forward in **online** searching. The ability to search multiple databases simultaneously greatly simplifies the search process and saves...

... results. Both approaches produce fast, accurate results from their structured and growing databases.

Enter the **Internet**. Along with the phenomenal growth in **Internet** resources came **Internet** search engines that automatically comb the Web, indexing resources. Alta Vista, InfoSeek, HotBot, and Magellan...

... a different database of resources. Unique records can be identified using each of the major **Internet** finding aids.

So, is there something like DIALOG's OneSearch or DataStar's StarSearch capability...

... Sure enough, numerous sites have tackled the task of creating a mega search page for **searching multiple search engines**. These "allin-one" pages include sites such as the All-in-One page, MetaCrawler, Savvy Search, and more.

Like the **search engines** themselves, these **multiple** database searches each have their own advantages and disadvantages. Since each search engine uses different...

... they do not create their own databases; rather, they rely on databases gathered by other **Internet** search engines, such as Alta Vista, HotBot, and Infoseek. Instead of building their own database...

... provide a search interface for submitting queries to multiple finding aids. To achieve this, the **mega search engines** use one of **two** approaches.

Some list **search engines** and provide a form for each. This all-inone approach, used by All-in-One and Beaucoup, enables a **sequential** search,

13/3,K/7 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2001 Bell & Howell. All rts. reserv.

01336144 99-85540

**Weaving your way through the Internet jungle**

Harris, Kellee

Sporting Goods Business v29n10 PP: 10 Oct 1996

ISSN: 0146-0889 JRNL CODE: SGB

WORD COUNT: 892

**Weaving your way through the Internet jungle**

ABSTRACT: While there is no single, perfect way to track down the information desired on the **Internet**, sources such as search engines, web directories, newsgroups, and hotlinks help. When it comes to...

... A-Z. For links to wholesalers, retailers, reps, and other sports business sources, check out **Online Sports**. This virtual retailer has become a central source for information, plus offers hundreds of...

TEXT: Searching the **Internet** for information can be similar to parachuting into the Amazon jungle without a compass. You...

...you alive. At latest count, more than 22 million web pages are listed on the **world wide web**, and the number is changing by the nanosecond. While there is no single, perfect way...

...card catalog" to discover where to locate the best information.

When it comes to the **Internet**, these sources are defined as search engines, web directories, newsgroups and hotlinks.

START YOUR ENGINES...

...will produce different information.

In a search engine review in the May, 1996, issue of **Internet World** magazine, InfoSeek Guide took top honors for relevant search results. For the most comprehensive...

...over 21 million web pages containing over 8 billion words.

One can also do a "**metasearch**," which **simultaneously searches several engines** at once. SaavySearch and **Internet Sleuth** both feature a single **search engine** that does **searches** on **several** databases at once. To find not these and a wide selection of other engines, plus other **online** directories, check out The Big Search Engine List.

Web directories house huge databases of web...

...A-Z. For links to wholesalers, retailers, reps and other sports business sources, check out **Online Sports**. This virtual retailer has become a central source for information, plus offers hundreds of...

... for unusual sports or foreign versions of traditional American games? Try the Riise Sports Center, **World Wide Web** of Sports or the **WWW Virtual Sports Library**. They feature hotlinks to offbeat sport ventures such as Spelunking (cave trekking...

... or last name, city, state, country, or domain name. There are also numerous versions of **internet** yellow pages, such as the Yahoo Yellow Pages.

Want to find out how often your...

... 5 megabytes of information daily to their massive internal search engine. Don't forget the **online** versions of numerous media including Sports Illustrated, USA Today, The New York Times and Business...

... Oregon. She can be reached through e-mail at  
marketspark@marketspark.com, or on the World Wide Web at  
http://www.marketspark.com.

13/3,K/8 (Item 6 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
(c) 2001 Bell & Howell. All rts. reserv.

01290739 99-40135

**Lost in cyberspace? Search engines guide the way**

Hancock, Wayland

American Agent & Broker v68n9 PP: 73-75 Sep 1996

ISSN: 0002-7200 JRNL CODE: AGB

WORD COUNT: 1384

ABSTRACT: Search engines can help find information on the **Internet** based on key words related to the topic being researched. The 3 types of search ...

... Comprehensive search engines attempt to look at every word of every Web site on the **Internet**. They are useful for research projects, particularly those for which information is needed about obscure...

TEXT: WITH ALL the information available on the **Internet**, a search for specific information can be time-consuming and unproductive. For instance, you might...

...re searching for.

That something is called a search engine, and it makes browsing the **Internet** much more efficient. Search engines can help you find information based on key words related...

... insurance claims" enables you to zero in on those more closely related to the topic. **Many search engines** are available, and some of them are designed to do specific things. Depending on the complexity of your **Internet** search, you might end up using **several search engines**.

You can choose from three types of search engines: selected site, comprehensive or specialized search...

... diversity, as well as more details about each engine I used. (I've listed their **World Wide Web** addresses in parentheses.)

**Selected-site search engines**

Selected-site search engines are for general-purpose...

... are sorted into general categories like "arts and humanities" and "sports."

Point Reviews (<http://www.point.com>). This one lists 36 insurance Web sites and selected others. The editors of...

...the home pages they list represent the top 5% of all Web sites.

Yahoo (<http://www.yahoo.com/>). Yahoo, my favorite in this category, lists 624 insurance sites, including many that...

... Web sites, which is just a fraction of the estimated 50 million now on the **Internet**.

**Comprehensive search engines**

Comprehensive search engines are especially useful for research projects, particularly those for...

... These search engines attempt to look at every word of every Web site on

... search engines at once (Alta Vista, Lycos, Yahoo and Excite). Webtaxi lists about 30 different search engines (including several not found under the Netscape search button) and can activate several engines simultaneously. Webtaxi is...

... way to test an intelligent agent is to access the Agents Inc. home page ([http://www .ffly.com](http://www.ffly.com)) and register your tastes in music. After you answer a few questions, the...

...insurance agents.

Remember, search engines not only can help you find your way around the Internet, they also can help your clients and prospects find your Web site. So, you might want to note one last search engine. Promote-it ([http:// www .iTools.com/promote-it/ promote-it.html](http://www.iTools.com/promote-it/promote-it.html)) is designed to help you publicize your Web site to the world.

Correspondence may be addressed to Wayland "Buddy Hancock at his Internet address: [pfshancock@ spider.lloyd.com](mailto:pfshancock@spider.lloyd.com).

DESCRIPTORS: Internet ;

13/3,K/9 (Item 7 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2001 Bell & Howell. All rts. reserv.

01210374 98-59769

Using the Internet for tourism research: "Information highway" or "dirt road"?

William, Peter W; Bascombe, Philbert; Brenner, Nancy; Green, Donna  
Journal of Travel Research v34n4 PP: 63-70 Spring 1996  
ISSN: 0047-2875 JRNL CODE: JTR  
WORD COUNT: 6282

Using the Internet for tourism research: "Information highway" or "dirt road"?

...ABSTRACT: information and search tools that are currently available to individuals who want to use the Internet for tourism research purposes is provided. It provides a listing of search tools and web...

... in this regard. A set of critical issues that should be addressed to make the Internet a more effective and efficient research instrument for tourism researchers is outlined. These issues relate...

...TEXT: information and search tools that are currently available to individuals who want to use the Internet for tourism research purposes. It provides a listing of search tools and web sites that...

... article also outlines a set of critical issues that should be addressed to make the Internet a more effective and efficient research instrument for tourism researchers. These issues relate to credibility...

...play a significant role in addressing.

According to some specialists, the surging popularity of the Internet is the most important single development in the computer industry since the IBM personal computer...

...1995). In a few short years it has become the world's largest repository of online digital information. Estimates suggest that there will be between 200 and 500 million Internet users by the year 2000 (Bauwens 1995). The growing use of the Internet by researchers and managers has been stimulated by a variety of factors. In particular, adoption...

... transfer can only be accomplished effectively through the intermediary of computer technologies such as the Internet (Bauwens 1995). Like so many other developing products, the transfer of Internet technology to the "tool kits" of researchers will depend on how

Press. **Online Internet** Resource Guides Carroll, J., and R. Broadhead (1995). Canadian **Internet Handbook**. 2d ed. E-mail: info@handbook.com Enzer, M., and **Internet Literary Consultants** (1995). ILC Glossary of **Internet Terms**. <http://www.matisse.net/files/glossary.html> Gaffin, A. (1995). EFF's (Extended) Guide to the **Internet**. <http://www.eff.org/> Hughes, K. (1994). **Entering the World Wide Web : A Guide to Cyberspace**. <http://www.eit.com/web/www.guide/> Kehoe, B. (1995). **Zen and the Art of the Internet : A Beginners Guide to the Internet**. <http://www.book.uci.edu/Books/Internet/intnetbks.html> King, L., and D. Kovacs (1994). **Directory of Electronic Journals, Newsletters and Academic...**

...Edition). E-mail: ann@cni.org Krol, E. (1989). **The Hitchhiker's Guide to the Internet**. <http://www.cis.ohio-state.edu/htbin/rfc/rf1118.html> Newby, G. B. (1993). **Directory of Directories on the Internet : A Guide to Information Sources**. E-mail: gbnewby@uiuc.edu Robison, D. (1994). **All About Internet FTP: Learning and Teaching to Transfer Files on the Internet**. E-mail: alipow@library.berkeley.edu Smith, J. (1995). **Big Fun in the Internet with Uncle Bert**. <http://www.peak.org/jeremy> Tennant, R., J. Ober, and A. Lipow (1994). **Crossing the Internet Threshold: An Instructional Handbook**. E-mail: charlotte@library-solutions.com Yanoff, S. (1995). **Special Internet Services Connections**. <http://www.w3.org/hypertext/DataSources/Yanoff.html>

**Internet** Continuous Updating Resources **Online Internet** Continuously Updated **Internet** Information: The official source of information about the **Internet** is referred to as Internic. It provides **Internet** information services, supervises the registration of **Internet** addresses, and develops **Internet** white and yellow page directories. It is accessible at the following URL: <http://www.internic.net>

Continuously Updated **World Wide Web** Information: The CERN European Particle Physics Laboratory continues to play a key role in the development of hypertext-based client/server systems used on the **Internet**. Its web site is a valuable source of information about **Internet** client and server software development. The URL for this site is <http://www.cern.ch>

Continuously Updated Gopher Information: Gopher servers are the repositories of a wealth of...

...DESCRIPTORS: **Internet** ;

13/3,K/10 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2001 The Gale Group. All rts. reserv.

05121603 Supplier Number: 47819347 (USE FORMAT 7 FOR FULLTEXT)  
**Search And Sort -- WebSleuth** queries multiple engines and  
linguistically analyzes the results  
Hibbard, Justin  
InformationWeek, p65  
July 7, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; General Trade  
Word Count: 236

(USE FORMAT 7 FOR FULLTEXT)  
**Search And Sort -- WebSleuth** queries multiple engines and  
linguistically analyzes the results  
TEXT:  
An **Internet** search tool introduced last week goes beyond standard search engines by analyzing the Web pages...  
Like other "metasearch" products, WebSleuth from Prompt Software Inc. in Novato, Calif., **simultaneously queries multiple search engines** such as Yahoo! and Alta Vista. It then scans the retrieved pages and builds an index. Rival tools such as **Internet FastFind** from Symantec Corp. in Cupertino, Calif., and WebCompass from Quarterdeck Corp. in Marina del...

...MHz Pentium system.

WebSleuth is available for \$79.95 from Prompt Software's Web site ([www.promptsoftware.com](http://www.promptsoftware.com)).

Copyright 1997 CMP Media Inc.

PRODUCT NAMES: 7372681 (**Internet** Access Software)

13/3,K/11 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2001 The Gale Group. All rts. reserv.

05024709 Supplier Number: 47377612 (USE FORMAT 7 FOR FULLTEXT)

**Too much information**

InfoWorld, p72

May 12, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 3900

Search engine solutions

AltaVista

AltaVista **Internet** Software Inc.

Yahoo

Yahoo Inc.

Monitoring and search engine solutions

Smart Bookmarks 3.0 and...

...Excite Inc.

Tierra Highlights2 and Excite

Tierra Communications Inc. and Excite Inc.

Metasearch software solutions

**Internet** FastFind

Symantec Corp.

WebCompass 2.0

Quarterdeck Corp.

Metasite solutions

MetaCrawler

Go2Net Inc.

SavvySearch

Colorado State University

Doing research across the **World Wide Web** is like sifting for gold: You know the information you need is out there, but...

...accessible tools, but they often offer thousands more hits than answers. We chose AltaVista (<http://www.altavista.digital.com>) because it is the most often used, and Yahoo (<http://www.yahoo.com>) because it's a directory of information similar to a library index. We...

...of any changes to those sites and to the Excite search lists.

Metasearch software solutions (**Internet** FastFind and WebCompass 2.0) use agents to find relevant Web sites and then update...

...let you search a broader range of search engines but with clearer

SavvySearch site we tested.  
There are configuration...

...t customize or mix engines from the subgroups. The other drawback is that when the **Internet** itself is busy, SavvySearch slows down as it goes to all the search engines. The...

...legwork yourself, SavvySearch is a resourceful tool.

Technology summary

Metasites draw on the strength of **many search engines** and are the most compelling way to search the **Internet**. They promise wider **Internet** coverage and deliver reliable results. And as if that weren't enough, they're also free.

No assembly required. These sites accept a user query, submit it to **many search engines** in parallel, then organize and display the results. In other words, they do the work...

COMPANY NAMES: AltaVista **Internet** Software Inc.; Excite Inc.; FirstFloor Software Inc.; go2net Inc.; Tierra Communications Inc.; Yahoo! Inc.

PRODUCT NAMES: 7372680 (**Internet** Software)

13/3,K/12 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2001 The Gale Group. All rts. reserv.

04422499 Supplier Number: 46488454 (USE FORMAT 7 FOR FULLTEXT)

**Quarterdeck widens the hunt**

PC Week, p006

June 24, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; General Trade

Word Count: 350

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

WebCompass search tool upgrades focus on enterprise **intranet** use ... intelligent agents, complex filtering and information management functions that reside on top of the current **meta -search** layer, said officials. The architecture enables users to **query multiple search engines**, **Internet** domains and **intranet** databases **simultaneously**.

WebCompass is the linchpin in a strategy that officials hope will help the Marina del...

...are predicting a loss for the quarter ending June 30. Quarterdeck recently set up an **Internet** division and last week agreed to acquire Limbex Corp., also of Marina del Rey, a...

...of WebCompass' core information management technology.

Quarterdeck plans to consolidate its line of stand-alone **Internet** products, such as WebAuthor and WebTalk, into its TotalWeb suite, the officials said.

WebCompass' intelligent...

...information. The finished search is presented to the user.

"The information and abstracts that the **online** search services provide are not enough," said Eric Goldreich, director of IS with Los Angeles...

...also publish corresponding URLs that call Netscape Communications Corp.'s Navigator or Microsoft Corp.'s **Internet Explorer** browsers to connect the user to the **World Wide Web** site.

Quarterdeck will also release this fall a software developers' kit that enables users to...

13/3,K/13 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2001 The Gale Group. All rts. reserv.

04201321 Supplier Number: 46144163 (USE FORMAT 7 FOR FULLTEXT)

QUARTERDECK ANNOUNCES WEBCOMPASS PERSONAL EDITION TO BE LAUNCHED IN MARCH  
PR Newswire, p212LAM045  
Feb 12, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 498

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Powerful Add-on for Netscape Navigator and Microsoft **Internet Explorer** ... of its award- winning WebCompass that's built around key features of WebCompass, including the **simultaneous metasearch of multiple Web search engines** and preparing an abstract of the query data, all through a point-and-click interface.

WebCompass Personal Edition works with all major browsers and makes searching on the **World Wide Web** exciting and efficient. A beta version of WebCompass Personal Edition will be available for free...

...of below \$40.

"WebCompass Personal Edition is targeted at users of Netscape Navigator and Microsoft **Internet Explorer**, in addition to users of Quarterdeck's **InternetSuite** ," said Gaston Bastiaens, President and CEO of Quarterdeck. "Because WebCompass Personal Edition has proprietary technology...

...business for the Web search engine companies."

In preparing WebCompass Personal Edition for the broader **Internet** market, special attention was given to ease-of-use and the user interface. Quarterdeck will...

...is a pioneer in the development of software products in four strategic business areas: Utilities, **Internet Solutions**, **Internet Services**, and Communications. The company has led the industry in bringing utilities solutions to the...

...QEMM memory management software. The company also offers an entire line of powerful, next-generation **Internet** tools for corporate, small business and individual users, including the award-winning WebCompass, and the...

...and pricing information can be obtained by calling (310) 309-3700, by accessing Quarterdeck's **Internet** Web site at <http://www.quarterdeck.com/>, or by sending an e-mail request to [info@quarterdeck.com](mailto:info@quarterdeck.com).

Quarterdeck and QEMM are registered trademarks and WebTalk, **InternetSuite** and WebCompass are trademarks of Quarterdeck Corporation. All other brand and product names are trademarks...

...available through Company News On- Call by fax, 800-758-5804, extension 103851, or <http://www.prnewswire.com/>

(QDEK)

CO: Quarterdeck Corp.  
ST: California  
IN: CPR  
SU: PDT

EQ-KL  
-- LAM045...

13/3,K/14 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2001 Resp. DB Svcs. All rts. reserv.

01874035 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Search And Sort -- WebSleuth queries multiple engines and linguistically analyzes the results  
(WebSleuth from Prompt Software simultaneously queries multiple search

engines, scans retrieved pages and builds index)  
Information Week, n 638, p 65  
July 07, 1997  
DOCUMENT TYPE: Journal ISSN: 8750-6874 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 232

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**Search And Sort -- WebSleuth** queries multiple engines and linguistically analyzes the results  
(WebSleuth from Prompt Software simultaneously queries multiple search engines, scans retrieved pages and builds index)

TEXT:

Byline: Justin Hibbard

An **Internet** search tool introduced last week goes beyond standard search engines by analyzing the Web pages it finds and giving users an index of key words and phrases.

Like other "**metasearch**" products, WebSleuth from Prompt Software Inc. in Novato, Calif., **simultaneously queries multiple search engines** such as Yahoo! and Alta Vista. It then scans the retrieved pages and builds an index. Rival tools such as **Internet** FastFind from Symantec Corp. in Cupertino, Calif., and WebCompass from Quarterdeck Corp. in Marina del...

...MHz Pentium system.

WebSleuth is available for \$79.95 from Prompt Software's Web site ([www.promptsoftware.com](http://www.promptsoftware.com)). ...

13/3,K/15 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2001 Resp. DB Svcs. All rts. reserv.

01870598

**Prompt Software Inc**  
(Prompt Software Inc introducing WebSleuth, a "**metasearch**" software tool)  
Network World, v 14, n 26, p 35  
June 30, 1997  
DOCUMENT TYPE: Journal; News Brief ISSN: 0887-7661 (United States)  
LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

Prompt Software Inc (Novato, CA) is set to unveil WebSleuth, a "**metasearch**" software tool able to **simultaneously query multiple Internet search engines** and index the results based on content and context.

...

13/3,K/16 (Item 1 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2001 Resp. DB Svcs. All rts. reserv.

01041196

01006155 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Dig up Research Down in the Data Mines**

(**Internet** can save time in doing research; key to mining data on Web is to understand what Search tools exist and how to use them)

Workforce, v 76, n 3, p 80-81

March 1997

DOCUMENT TYPE: Journal ISSN: 0031-5745 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 496

(USE FORMAT 7 OR 9 FOR FULLTEXT)

(**Internet** can save time in doing research; key to mining data on Web is to understand...

)

ABSTRACT:

Conducting research is now made easier by the **Internet** . It is said that the key to mining data on the Web is to understand...

...tools exist and how to use them. Browsers such as "Netscape Navigator" and Microsoft's "**Internet Explorer**," feature search buttons that take a person directly to a search page. The key...

TEXT:

...s possible to have the world at your fingertips, thanks to the power of the **World Wide Web** . The next time someone tells you that the **Internet** is a giant wasteland and a colossal vortex of time, invite him or her to...

...75 million Web pages now exist. Says Betsy Richter, editor-in-chief for Excite ([http://www .excite.com](http://www.excite.com)), a Web search engine based out of Mountain View, California: "The amount of information on the Web is staggering. A good search engine is to the **Internet** what the 'TV Guide' is to television."

Browsers such as Netscape Navigator and Microsoft registered **Internet Explorer** feature search buttons that take you directly to a search page, which typically offers **several search engines** . Try <http://home.netscape.com/home/internet -search.html>, if you're using Netscape. By typing keywords into a search box, citations...

...to Disney on Excite.

But basic search engines aren't the only game in town. **Metasearch** sites, such as MetaCrawler, ProFusion and All4One, ratchet up the capabilities by conducting **searches on several engines simultaneously** . And a slew of new programs, such as Symantec's FastFind, provide powerful software that...

...CONCEPT TERMS: **Internet**

13/3,K/17 (Item 2 from file: 13)

DIALOG(R) File 13:BAMP

(c) 2001 Resp. DB Svcs. All rts. reserv.

01019476

00715774

**Automation: Lost in cyberspace? Search engines guide the way**

(Search engines are valuable tools to guide users as they browse the **Internet** , since they aid users in locating information based on key words that are associated with the topic that is being researched)

Article Author(s): Hancock, Wayland (Buddy)

American Agent & Broker, v 68, n 9, p 73-75

September 1996

DOCUMENT TYPE: Journal ISSN: 0002-7200 (United States)

LANGUAGE: English RECORD TYPE: Abstract

(Search engines are valuable tools to guide users as they browse the **Internet** , since they aid users in locating information based on key words that are associated with...

)

ABSTRACT:

Search engines are valuable tools to guide users as they browse the **Internet** . They aid users in locating information based on key words that are associated with the...

...a2z.lycos.com) whose Web sites are generally categorized. Other examples are Point Reviews (<http://www .point.com>) and Yahoo (<http://www .yahoo.com/>). The second type includes comprehensive search engines which are very important for research...

...try to browse through every word in every Web site. Some examples include WebCrawler ([http://www .webcrawler.com](http://www.webcrawler.com)), which is the "residence" search engine of America Online 's **Internet** program, AccuFind (<http://nlm.com>), Magellan (<http://www .mckinley.com>), and Excite (<http://www .excite.com>). The last type includes specialized search engines which are used when searching for unique information. Examples of these are DejaNews Research Service (<http://www .dejanews.com>) for technical information, and the Weather Channel (<http://www .weather.com>) for local weather forecast. **Several search engines** can be reviewed **simultaneously** by using All4one (<http://all4one.com>) or Webtaxi **Metasearch** Engine (<http://www .webtaxi.com/>). Article briefly discusses a new breed of search engines called intelligent agents. ...

...CONCEPT TERMS: **Internet** ;

13/3,K/18 (Item 3 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2001 Resp. DB Svcs. All rts. reserv.

01018424 00734780 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**ARE INTERNET SEARCH ENGINES ON THE UP AND UP?**  
(Rumors over the credibility of **Internet** search engines prompted an investigation that found extreme claims to be untrue, but caution to be necessary)  
Information Advisor, v 8, n 8, p 1,2  
August 1996  
DOCUMENT TYPE: Newsletter ISSN: 1050-1576 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1071

(USE FORMAT 7 OR 9 FOR FULLTEXT)  
**ARE INTERNET SEARCH ENGINES ON THE UP AND UP?**  
(Rumors over the credibility of **Internet** search engines prompted an investigation that found extreme claims to be untrue, but caution to...  
)

**ABSTRACT:**  
An investigation of claims regarding the credibility and accuracy of using **Internet** search engines reveals that such claims are not soundly based. There has been speculation that...

...relevant. The following suggestions are provided in order to safeguard against such practices: instructing new **Internet** users to distinguish between hit lists and advertising banners, staying clear of smaller and lesser...

**TEXT:**  
THE CORNERSTONE of efficient research on the Web has become the effective use of the **Internet** search engines. Consequently, if these engines' accuracy, and credibility are called into question, so would...

...charges to do our own investigations.

Although there are scores of smaller search engines and **Internet** indexes, there are fewer than 10 major ones. These include Yahoo!, Lycos, WebCrawler, InfoSeek, Open Text, Alta Vista, and Excite. There are also the "meta " search engines like MetaCrawler and SavvySearch which will automatically search many of these individual search engines **simultaneously** . Because these are the places that **Internet** users turn to locate Web sites, they have developed into a source of power on...

...but for advertisers and companies that want to ensure that their sites are located by **Internet** searchers. Advertisers, then, can attempt to make their presence known by buying banners on those...

...to held water, there are some more subtle issues surrounding the

validity and credibility of **Internet** search engine results that need examination.

An article published in the July 7, 1996 issue of The Washington Post, was titled: Anatomy of a Netscam: Why Your **Internet** Search May Not Be As Honest As You Think. This article (p. C5) is, in...

...represents clients providing politically-oriented information (among others), has programmed its banner to appear on **several search sites** when a word such as "elections, Democrat, Republican," etc. is entered. The banner reads, "Top...

...most relevant.

One recent thread on a Usenet group that looks at the topic of **online** advertising (<http://www.tenagra.com/online-ads>) discussed techniques for obtaining more and better placements on search engines. One member posted...

...we found, the following is our advice:

- \* Be sure to instruct any new or naive **Internet** users about the difference between hit lists and advertising banners.
- \* Be cautious of smaller, lesser Text to Alta Vista.)
- \* Be skeptical of rumors on the **Internet** !

Keep in mind that unlike traditional **online** databases, the Web is composed of mixed information sources: magazine articles, government reports, advertising sites...

...preselect or distinguish the list by "type" of information, as one can with a traditional **online** vendor by choosing a particular file. On the Web, it is up to the user...

...INDUSTRY NAMES: **Online** services  
PRODUCT NAMES: **On -line** service providers (737500)  
...CONCEPT TERMS: **Internet** ;

13/3,K/19 (Item 4 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2001 Resp. DB Svcs. All rts. reserv.

01011980 00823632 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Using the Internet for Tourism Research: "Information Highway" or "Dirt Road"? (Part 1 of 2 parts)**  
(Although the use of the **Internet** is rapidly growing, its use by researchers looking to find existing tourism research data poses a problem, since there is no central index)  
Article Author(s): Bascombe, Philbert; Brenner, Nancy; Green, Donna; Williams, Peter W  
Journal of Travel Research, v 34, n 4, p 63-66  
Spring 1996  
DOCUMENT TYPE: Journal ISSN: 0047-2875 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2650

(USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Using the Internet for Tourism Research: "Information Highway" or "Dirt Road"? (Part 1 of 2 parts)**  
(Although the use of the **Internet** is rapidly growing, its use by researchers looking to find existing tourism research data poses...  
)

ABSTRACT:  
...list of search tools that are presently available to those who desire to use the **Internet** for purposes of tourism research. SavvySearch assists

page that assists users in constructing...

...is especially current in both format and information sources. It can be accessed at

[http://www .opentext.com:8080/](http://www.opentext.com:8080/)

Yahoo. Yahoo lists and categorizes web sites into 14 subject headings, such as "Computers and **Internet** ," "Education," and "Recreation." It currently has the most complete subject index on the Web (Randall...

...recommended for general topic surfing as opposed to precise searching activities. Its URL is

[http://www .yahoo.com/search.html](http://www.yahoo.com/search.html)

Other **Search Engines** . Many other **search engines** exist to help tourism researchers in their investigations. A central index of different search engines on the **Internet** can be found at the following URLs:

CUSI [http://pubweb.nexor.co  
.uk/public/cusi/doc/list.html](http://pubweb.nexor.co.uk/public/cusi/doc/list.html)

External Info [http://www \\_...](http://www _...)

...local/nph-susil.pl

Meta Index <http://cuiwww.unige.ch/meta-index.html>

Other Valuable **Internet** Research Tools

Search engines are not the only information-gathering tools on the **Internet** . Newsgroups and Frequently Asked Questions (FAQs) are also invaluable sources of information for researchers. These are like **online** Yellow Pages that deal with specific subjects of interest to tourism. As an example, a...

...relates to a tourism newsgroup is the Tourism Offices Worldwide Directory. Its URL is

<http://www .mbnet.mb.ca/lucas/travel/tourism-offices.html>

Gopher. Gopher, one of the older systematic search tools, navigates the **Internet** by way of text-labeled menu choices. It uses a hierarchy of menus to search...

...umanitoba.ca for a collection of travelogues, guides, and FAQs written by volunteers on the **Internet** .

Wide Area Information Servers (WAIS). WAIS facilitates text-based searches and helps researchers to explore...

...Gateway.

Hytelnet. This is a hypertext browser that helps researchers access many sites on the **Internet** by Telnet, Gopher, and WAIS. It is an invaluable tool when searching for information typically...

...in public library, Free-Net, Gopher, and WAIS databases. It can be accessed at

<http://www .cam.ac.uk/Hytelnet/index.html>

Peter W. Williams is Director of the Centre for

...CONCEPT TERMS: **Internet** ;

01130804 CMP ACCESSION NUMBER: IWK19970707S0048

**Search And Sort - WebSleuth** queries multiple engines and linguistically analyzes the results

Justin Hibbard

INFORMATIONWEEK, 1997, n 638, PG65

PUBLICATION DATE: 970707

JOURNAL CODE: IWK LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: **Intranets /Internet**

WORD COUNT: 240

**Search And Sort - WebSleuth** queries multiple engines and linguistically analyzes the results

SECTION HEADING: **Intranets /Internet**

TEXT:

An **Internet** search tool introduced last week goes beyond standard search engines by analyzing the Web pages...

Like other "**metasearch**" products, WebSleuth from Prompt Software Inc. in Novato, Calif., **simultaneously queries multiple search engines** such as Yahoo! and Alta Vista. It then scans the retrieved pages and builds an index. Rival tools such as **Internet** FastFind from Symantec Corp. in Cupertino, Calif., and WebCompass from Quarterdeck Corp. in Marina del...

...MHz Pentium system.

WebSleuth is available for \$79.95 from Prompt Software's Web site ([www.promptsoftware.com](http://www.promptsoftware.com))

Copyright (c) 1997 CMP Media Inc.

13/3,K/21 (Item 2 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext

(c) 2001 CMP. All rts. reserv.

01108871 CMP ACCESSION NUMBER: WIN19961101S0131

**Not-So-Secret Agents**

WINDOWS MAGAZINE, 1996, n 711, PG214

PUBLICATION DATE: 961101

JOURNAL CODE: WIN LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Feature - The Search Is On

WORD COUNT: 354

TEXT:

By the end of 1997, going to the **Internet**'s data mountain to drill for information may seem quaintly old-fashioned. It's easier...

**Internet** information delivery tools are one of the fastest-growing categories in the computer industry, according...

...select information manually.

Many of these tools dispatch personal agents, or spiders, to wander the **Internet** and collect documents. It's an old trick with a new twist. Iconovex's EchoSearch, for instance, lets you **query multiple search engines simultaneously**. A shareware spider, Teleport Pro (formerly **Internet** Marauder 95), lets Windows 95 users build their own **meta search** tools and avoid irrelevant documents. Quarterdeck's WebCompass does a similar job, letting you fine...

...AutoNomy Web Researcher actually learns from each search. It will perform background searches of the **Internet** based on your natural-language queries. The program builds a separate agent for each query...

...in the search. A second tool, AutoNomy Press Agent, can create a personalized newspaper from **online** newswires, magazines and newspapers.

Tierra's Highlights lets you grab the latest from your favorite...

...of network overload. A growing number of companies are moving

sophisticated search services onto their **intranets** , where they can control not only the access but the quality of retrieved information. Fulcrum...

13/3,K/22 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2001 The Gale Group. All rts. reserv.

09836217 SUPPLIER NUMBER: 19573404 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
If it's on the Internet, NetFerret will sniff it out- fast and for less than \$30. (FerretSoft's NetFerret Suite 1.03 Internet search utility) (Software Review) (Evaluation)  
Frazier, William  
Government Computer News, v16, n16, p40(2)  
June 16, 1997  
DOCUMENT TYPE: Evaluation ISSN: 0738-4300 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 841 LINE COUNT: 00069

If it's on the Internet, NetFerret will sniff it out- fast and for less than \$30. (FerretSoft's NetFerret Suite 1.03 Internet search utility) (Software Review) (Evaluation)

...ABSTRACT: NetFerret Suite 1.03 is a handy tool for retrieving information on the Web. This **Internet** search utility will find e-mail addresses, UseNet messages, chat users, telephone numbers, Web pages...

...information by interrogating the leading Web search engines. It will not allow users to configure **additional search engines** . NetFerret can also be downloaded from the Web for \$24.95 and a trial version...

TEXT:

The **Internet** can be a peerless information resource, but digging the useful information out of the garbage...

NetFerret Suite's six search bots will do the sifting for you, retrieving **World Wide Web** pages, e-mail addresses, programs downloadable via File Transfer Protocol, UseNet messages, chat users and...

...Suite on a \$29.95 CD-ROM or as a \$24.95 download from <http://www.ferretsoft.com>. A time-limited version lets you try before you buy. Installation is fast...

...value of looking at more than one site. The biggest difference between WebFerret and a **metasearch** site is speed. Relying on Windows' multi-threading capability, WebFerret **queries multiple engines simultaneously** , and results begin appearing on your screen in one or two seconds. Duplicate results are...

...Although WebFerret uses most of the Web search engines, it doesn't let you configure **additional search engines** of your choosing.

EmailFerret does just what the name implies. You can limit searches for...

...the slowness, though, I haven't found a better way to ferret out items in **Internet** newsgroups.

PhoneFerret serves a dual purpose. It's designed to find a phone number quickly by simultaneously accessing **multiple search engines** , like the other programs in the suite. Search fields include first and last names, and...

...of the suite is IRC-Ferret. If your colleagues like to hang out on the **Internet** Relay Chat (IRC) channels, this is the way to find them.

Enter a name, e...

...is an exceptional product. I doubt if you'll find a quicker, easier set of **Internet** search utilities on the market today, at least at this price.

RELATED ARTICLE: Box Score

NetFerret Suite 1.03 FerretSoft LLC, Pickerington, Ohio, Tel.  
317-581-3833 <http://www.ferretsoft.com> Price: \$24.95 up  
Overall grade: B + Fast, multithreaded searches with results returned  
...

...Real-life requirements: Windows 95 or NT and 6M free on hard drive, plus  
an **Internet** connection

DESCRIPTORS: **Internet** --  
PRODUCT/INDUSTRY NAMES: 7372680 (**Internet** Software)  
TRADE NAMES: NetFerret Suite 1.03 (**Internet** search software...)

13/3,K/23 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2001 The Gale Group. All rts. reserv.

09433694 SUPPLIER NUMBER: 19327439 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Blaze browsing tool packs punch. (Datalytics' Blaze Web Performance Pack**  
**1.1) (Software Review) (Evaluation)**  
Shankar, Gess  
InfoWorld, v19, n15, p72C(2)  
April 14, 1997  
DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 990 LINE COUNT: 00083

...ABSTRACT: The smart mode also uses past browsing patterns to anticipate  
future browsing choices. A helpful **metasearch** tool creates a standard  
query that can be sent to **several search engines** at the **same time**  
. Searches may be saved for reuse, and results may be sorted in multiple  
ways. The...

... of browser tools that adds search, organization, and acceleration  
capabilities to Netscape Navigator and Microsoft **Internet** Explorer.

Pros: Works seamlessly with the browser; several tools integrated into  
one; works with existing...

...working Web pages.

Datalytics Inc., Dayton, Ohio; (937) 226-7700; fax: (937) 226-7712;  
<http://www.datalytics.com>.

Price: \$50; free evaluation version available for download.

Platforms: Windows NT, Windows 95.

Not only is information everywhere on the **Internet** and **intranets** ,  
but there is too much of it -- and much of it is still unstructured. As...

...Pack 1.1.

Blaze integrates seamlessly with Netscape's family of browsers and  
Microsoft's **Internet** Explorer. The installation procedure automatically  
locates these browsers and allows you to enable either or...

...time seemed to take a bit longer, although this was not very noticeable  
on my **intranet** .

The increased speed of page loading became apparent when revisiting  
sites. Clicking on unvisited links...

...at predetermined times, automatically download pages, and index them for  
local viewing. All the scheduled **intranet** searches and downloads worked  
flawlessly.

I found Blaze's indexing option invaluable. As you browse...

...a beta version of their xSpeed Server Extension (xSpeed SE), currently  
available for Microsoft's **Internet** Information Server only.

When this component detects a Blaze client, it compresses and  
encapsulates Web...

...etc. My tests showed a significant speed increase, demonstrating the  
usefulness of this technology in **intranet** situations. Datalytics plans to  
release a Web-server-independent version of xSpeed SE for Windows...

...when the server-side enhancements are available, Webmasters will be able to get even faster **intranet** applications.

Gess Shankar (gess@earthchannel.com) is an author, developer, trainer, and Webmaster.

DESCRIPTORS: **World Wide Web** --

PRODUCT/INDUSTRY NAMES: 7372681 (**Internet** Access Software)

13/3,K/24 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2001 The Gale Group. All rts. reserv.

09347731 SUPPLIER NUMBER: 19033436 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**What flavor is your search engine?(Techman's Techpage) (Column)**

Brandt, D. Scott

Computers in Libraries, v17, n1, p47(4)

Jan, 1997

DOCUMENT TYPE: Column ISSN: 1041-7915 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2572 LINE COUNT: 00209

ABSTRACT: Search engines index and retrieve information stored on the **Internet** an **World Wide Web** , and in recent years several different types of engines have evolved. Most use keyword text...

...allow for combinations of terms to refine a search. Search engines including Yahoo!, THOMAS, Argos, **Internet** FastFind and MetaCrawler are discussed and differences explained.

TEXT:

Meta-search engines. **Intranet** search engines. Limited area search engines. Subject lists. Directories. Specialty indexes. It seems that the varieties of databases and search engines are proliferating almost as quickly as information on the **Internet** ! As well they should--not only can anybody put information up on the **Internet** , but it has also become so easy to do with Web pages. And because those...

What exactly is a search engine? Some people make a distinction between **Internet** search engines and directories or subject listings on the **Internet** . They argue that databases that are compiled by people, as opposed to automated software programs...

...s just that different variations are like different flavors ....

I'm limiting this discussion to **Internet** -based, non-proprietary search engines (those that you do not have to buy or pay...

...There are a lot of databases out there that have been around since before the **Internet** and Web became so popular. These range from **online** services like DIALOG and OCLC to integrated OPACs like NOTIS to search systems software like...

...developed recently (in the past few years) to index and retrieve information stored on the **Internet** . The point I want to drive home is that there are lots of varieties of...

...about rethinking how we look at them. If I get criticized for calling something a **search engine** that **many** people call something else, I can live with that. I realize that some people might...

...I'm mixing frozen yogurt with ice cream.

The Basic Vanilla Search Engine

The Free **On -line** Dictionary of Computing defines "search engine" as a "remotely accessible program that lets you do keyword searches for information on the **Internet** ." (5) In the column mentioned above, I asserted that search engines are composed of three...

...bibliographic citation (much as it does in the databases mentioned above, which were not originally **Internet** -based).

Where the Ice Cream Meets the Frozen Yogurt

Some search engine purists argue that...

...with real ice cream!

Chocolate and Strawberry

Previously I divided the selection/compiling function of **search engines** into **two** types--automated and human-mediated. Automated selection employs programs, often called robots or agents (or crawlers or spiders), which take advantage of the **Internet**'s capabilities of networking and machine querying to identify, locate, and retrieve information. Automated selection...

...specific indexes. However, computer science researchers continue to work on this problem.(9)

Yahoo! ([http://www .yahoo.com/](http://www.yahoo.com/)) and Magellan ([http://www .mckinley.com/](http://www.mckinley.com/)), though often ...easier to find. Magellan even adds ratings and reviews.

As noted, at this point in **Internet** history it's hard to automatically build up a database that's specific to a...

...by hand. And other than this method of selection, everything else about a human-mediated **Internet** database holds true to the concept of a search engine. A human selects the items...

...know, THOMAS is a database of U.S. legislative information, which describes itself as a "**World -Wide -Web**-based system **online** " (<http://thomas.loc.gov/>). Granted, you can browse as well as search the 104th U...

...Printing Office, not by machine query. It's hand-picked content wrapped up in an **online** search tool on the **Internet** . And if you look at the nearly 300 resources available at William Cross' All-In-One list (<http://www .albany.net/allinone/>) of "various forms-based search tools found on the **Internet** " you will find more flavors than at Baskin-Robbins and Ben and Jerry's combined...

...happens when very narrowly defined subject-oriented search engines start popping up all over the **Internet** ?

A case in point is a particular new flavor recently reported in the October 18...

...evansville.edu/) to be "the first peer-reviewed, limited area search engine (LASE) on the **World Wide Web** ." Argos is limited to only "academically viable" resources on the topic of "ancient and medieval...

...with a program called Shopbot. This program was not only pointed at specific Web situs (**online** CD catalogs), it was "taught" to identify and retrieve only particular attributes, CD titles, and...

...many specialized flavors? Tutti Frutti, Rocky Road, and Rain Forest Crunch? Hey--variety makes the **Internet** go 'round! Admittedly, though, if the trend in information retrieval reverses--instead of more gargantuan...

...several flavors together in one place. Luckily, however, there's already another term for this: **meta -search** engines.

**Meta -search** engines, such as MetaCrawler (<http://www .metacrawler.com/>) or SavvySearch (<http://guaraldi.cs.colostate.edu:2000/>) were designed to **query multiple search engines simultaneously** . You've got numerous **search engines** , many which send out robots and spiders to update their databases continually (see Figure 1). When...

...purpose ones--AltaVista, Lycos, Excite, Opentext--there are differences, omissions, and exclusions. Thus, using a **search engine** that **searches several search engines** makes sense. SavvySearch aims for comprehensiveness (queries 20 search engines) and speed (reports hits but ...selective or peer-reviewed search engines. And evidently so can Symantec, the company that makes **Internet** FastFind, a workstation-based meta-search engine (<http://www .symantec.com/iff>). The idea behind FastFind is basically the same as with the other...

...to query, and then manipulate the output (remove duplicates, etc.).

Ice cream analogies aside, the **Internet** is definitely getting more complicated all the time, and it just keeps growing. Intelligent robots...

...purdue.edu.

#### References

1. Bocher, Bob and Kay Ihlenfeldt. "Effective use of search engines," <http://www.state.wi.us/agenciestdpi/www/search.html>.
2. Stellin, Susan. "Can you trust your search engine?" <http://www.cnet.com/Content/Features/Dlife/Search/ss02.html>.
3. Encyclopedia of Computer Science. New York: Van Nostrand, 1993.
4. <http://www.infotoday.com/cilmag/may/techmans.html>.
5. "Search Engine." The Free **Online** Dictionary of Computing, ed. Denis Howe. November 28, 1995, <http://wombat.doc.ic.ac.uk...>

...<http://webreference.com/content/search>.

7. Overton, Richard. "Search Tip: How To Use Yahoo!" <http://www.pcworld.com/workstyles/online/articles/sep96/1409...>

...yahoo. html.

8. Etzioni, Oren. "The **World -Wide Web** : Quagmire or Gold Mine?" Communications of the ACM. 39(11): 65-68, November 1996.
9. Taubes, Gary. "Indexing the **Internet** ," <http://sci.aaas.org/aaas/computers/webindex.html>.
10. <http://www.infotoday.com/cilmag/sep/cilab3.htm>.

DESCRIPTORS: **Internet** /Web search services...

...**Online** searching

PRODUCT/INDUSTRY NAMES: 4811525 (**Online** Search Services & Directories)

13/3,K/25 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2001 The Gale Group. All rts. reserv.

09322878 SUPPLIER NUMBER: 19156238 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**The Web hotlist: Web sites worth checking out. (Directory)**

InfoWorld, v19, n8, p33(1)

Feb 24, 1997

DOCUMENT TYPE: Directory ISSN: 0199-6649 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 121 LINE COUNT: 00014

#### TEXT:

Pretty Good Privacy -- <http://www.pgp.com> Digital-encryption software products are featured on Pretty Good Privacy's site. Visit...

ACC **Internet** -- <http://www.acc.com> Advanced Computer Communications promotes its wide-area **internetworking** hardware products on this nicely designed site. Get detailed product specifications, or read white papers on data compression and TCP/IP routing protocols.

Dogpile -- <http://www.dogpile.com> **Meta search** engine Dogpile allows users to **simultaneously** access **multiple Web-search -engine** gateways, as well as Usenet and FTP search sites. The Advanced Search function lets users...

DESCRIPTORS: **World Wide Web** --

13/3,K/26 (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2001 The Gale Group. All rts. reserv.

09113399 SUPPLIER NUMBER: 18884792 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Searching is my business: a gumshoe's guide to the Web. (locating information on the Internet) ( Internet/Web/ Online Service Information) (Tutorial)**

Tweney, Dylan

**Searching is my business: a gumshoe's guide to the Web. (locating information on the Internet) ( Internet/Web/ Online Service Information) (Tutorial)**

...ABSTRACT: Techniques for narrowing a search include being specific and adding Boolean operators. There are also 'meta' search tools on the market that organize and consolidate search results by sending queries to multiple search engines simultaneously. Numerous search assistants are available, but few are useful; three of the better ones are Knowledge Discovery's More Like This, Symantec's Internet FastFind and Quarterdeck's WebCompass 2.0. Offline browsers such as FreeLoader and First Floor...

... and asked me to do some research on Megasoft, our main competitor. So I went online and started dowsing..."

"Browsing," I corrected. But the kid had a point even if he...

...it.

But Web directories cover only a small fraction of the pages available on the World Wide Web. That's where search engines like those found on AltaVista, HotBot, and Lycos come in...software tools that can help sniff out what you need. They fall into three groups: metasearch tools, which submit the same query simultaneously to several engines; search assistants, which help you manage searches more efficiently; and offline browsers, which check Web pages and download them if anything's new.

**Metasearch Tools**

Tired of pounding the pavement? Instead of sending a query repeatedly to different sites, use a metasearch tool--a Web site or a program that submits your query to several engines simultaneously, then rounds up the most likely suspects on a single page.

One of the best...

...to different sets of search engines. It's a quick and convenient way to run searches on many engines. Best of all, it's free.

On the downside, SavvySearch limits you to 50 hits...

...SavvySearch and similar sites is a metasearch program, such as Bitsafe Computer Services' Arf ([http://www .execpc.com/ bitsafe/arf](http://www.execpc.com/bitsafe/arf)). Arf is a stripped-down, inexpensive (\$20) utility for automating searches...

...Arf at once.

For a few dollars more, the ForeFront Group's \$70 WebSeeker (<http://www .ffg.com>) offers many additional options, such as sorting the list of hits alphabetically. WebSeeker...

...be somewhat slow, but it has a substantial amount of querying power to assist the Internet sleuth.

**Search Assistants**

A metasearch tool can save you the trouble of visiting every search...

...of the dandiest search assistants is the \$35 More Like This, from Knowledge Discovery (<http://www .morelikethis.com>). It's a simple toolbar that floats on top of your browser. You...way until you need it. For a heavier-caliber weapon, try Symantec's \$49.95 Internet FastFind (<http://www .symantec.com>), a collection of several useful utilities for finding and managing Internet information. As a metasearch tool, FastFind collects all the results on a single page, which...

...programs.

Quarterdeck's new \$49.95 all-in-one search tool, WebCompass 2.0 (<http://www .quarterdeck.com>), is in the same league. In fact, WebCompass has more features than this...

sockets, everything you ever wanted to know about computers, including jargon and historical trivia.

Film **Internet** Movie Database (<http://us.imdb.com/search.html>) Who said, "Just put your lips together..."

...Movie Database to find out in which movie she said that.)

Government The Zipper (<http://www.voxpop.org/zipper/>) Mad as hell and don't know whom to blame? Find your...

...all known ailments, possible treatments, and even an occasional X-ray image.

Education CollegeNet (<http://www.collegenet.com>) Looking for a college you can afford in a climate you can tolerate...

...schools in the United States that offer your preferred major.

Law Legal Information Institute (<http://www.law.cornell.edu/topics/index?>) Can Microsoft trademark the word bill? And is the Bill...

...and linked, on the Cornell Law site.

Travel Fodor's Know Before You Go (<http://www.fodors.com/know.html>) All the info you need for your next trip, including weather conditions, State Department advisories, and many other resources.

Yellow Pages BigBook (<http://www.bigbook.com>) Complete listings, by area, for the entire United States--including maps you can...

DESCRIPTORS: World Wide Web --

13/3,K/27 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2001 The Gale Group. All rts. reserv.

>>>Accession number 9111363 is unavailable

Set	Items	Description
S1	781	AU=(LAWRENCE, S? OR LAWRENCE S? OR GILES C? OR GILES, C?)
S2	132604	(QUER? OR SEARCH?)(2N)(ENGINE? OR SERVICE? OR SITE? OR SYSTEM? OR AGENT? OR TOOL? ?)
S3	1756	(MEGA OR META)()SEARCH? OR METASEARCH? OR MEGASEARCH?
S4	6412	S2(3N)(MULTIPL? OR SEVERAL? OR MANY OR PLURAL? OR TWO OR ADDITIONAL?)
S5	943175	SIMULTANEOUS? OR COOCCUR? OR SAME()TIME? OR SEQUENTIAL? OR SAME()(SEARCH? OR QUER? OR REQUEST?)
S6	1569	S4 AND S5
S7	5685	S4 AND (WWW OR INTERNET? OR INTRANET? OR ONLINE? OR ON()LINE? OR WORLD()WIDE()WEB? OR WAN)
S8	197	S3(S)S4(S)S5
S9	196	S7(S)S8
S10	73	DOGPFILE AND S6 AND S7
S11	238	S9 OR S10
S12	151	RD (unique items)
S13	37	S12 NOT PY>1997
S14	32	S13 NOT PD>970710
File 275:	Gale Group Computer DB(TM) 1983-2001/Mar 05 (c) 2001 The Gale Group	
File 47:	Gale Group Magazine DB(TM) 1959-2001/Mar 05 (c) 2001 The Gale group	
File 75:	TGG Management Contents(R) 86-2001/Feb W3 (c) 2001 The Gale Group	
File 636:	Gale Group Newsletter DB(TM) 1987-2001/Mar 05 (c) 2001 The Gale Group	
File 16:	Gale Group PROMT(R) 1990-2001/Mar 05 (c) 2001 The Gale Group	
File 624:	McGraw-Hill Publications 1985-2001/Mar 01 (c) 2001 McGraw-Hill Co. Inc	
File 484:	Periodical Abstracts Plustext 1986-2001/Feb W4 (c) 2001 Bell & Howell	
File 613:	PR Newswire 1999-2001/Mar 06 (c) 2001 PR Newswire Association Inc	
File 813:	PR Newswire 1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc	
File 141:	Readers Guide 1983-2001/Jan (c) 2001 The HW Wilson Co	
File 239:	Mathsci 1940-2001/Mar (c) 2001 American Mathematical Society	
File 370:	Science 1996-1999/Jul W3 (c) 1999 AAAS	
File 696:	DIALOG Telecom. Newsletters 1995-2001/Mar 06 (c) 2001 The Dialog Corp.	
File 553:	Wilson Bus. Abs. FullText 1982-2001/Jan (c) 2001 The HW Wilson Co	

14/3,K/1 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

02067162 SUPPLIER NUMBER: 19437769 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Two Web bloodhounds. (FerretSoft LLC NetFerret Suite, Quarterdeck WebCompass Internet search software) (Software Review) (Evaluation)**

Olsen, J.W.

PC Magazine, v16, n11, p62(2)

June 10, 1997

DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 658 LINE COUNT: 00055

...ABSTRACT: s NetFerret Suite and Quarterdeck's WebCompass are offline browsing tools that let users perform '**meta -searches**' of **multiple engines** to find desired URLs. NetFerret Suite consists of six fast and intuitive utilities that use...

...the Start menu. The program has tools for Web, disk file, E-mail, telephone-number, **Internet** Relay Chat and newsgroup searches and has a variety of contextual options. It is a bargain at \$29.95. WebCompass, priced at \$50, specializes in Web **metasearching** and supports 35 search engines out of the box, more than any competitor. It **queries multiple search engines simultaneously** and lets users refine queries for reuse. The program adeptly ranks search results for relevancy.

14/3,K/2 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

02062672 SUPPLIER NUMBER: 19392271 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**MAMMA'S MOTHER OF ALL SEARCH ENGINES ADAPTS INDIVIDUAL QUERIES FOR DIFFERENT SEARCH TOOLS.**

Computergram International, n3158, pCGN05120015

May 12, 1997

ISSN: 0268-716X LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 172 LINE COUNT: 00017

TEXT:

...as purveyor of information management tools for TCP/IP-based networks, has launched a new **meta search** engine, code-named "Mamma," or the "Mother of All Search Engines." Mamma is a search...

...adapt words and operators for each different search engine it queries. It can query as **many** as seven **search engines simultaneously**, claims the company. The tool doesn't maintain a local database, but relies instead on...

...news and stock prices. The company plans to finance the search engine through sponsorship. <http://www.mamma.com>

14/3,K/3 (Item 3 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

02055161 SUPPLIER NUMBER: 19308328 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Searching. (using Web search engines) (Working the Web) (includes related articles on tips, offline browsers) (Internet/Web/Online Service Information) (Tutorial)**

Caster, Kathleen

Windows Sources, v5, n5, p183(4)

May, 1997

DOCUMENT TYPE: Tutorial ISSN: 1065-9641 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3162 LINE COUNT: 00251

...ABSTRACT: Metasearch' tools aid this process by running locally on the PC and sending queries to **multiple search engines simultaneously** . Good tools support Boolean logic or syntax that gives users similar control. Most **metasearch** tools also let users run filtered queries that can only return pages with only text and not images, and a good tool always displays results clearly. The premiere **metasearch** tool is the \$49.95 WebCompass 2.0 from Quarterdeck, which organizes search results outstandingly. Other good products include Symantec's **Internet FastFind** and Forefront Technology's WebSeeker 2.0. Frontier Technologies' CyberSearch 3.0 lets users search local resources as well as the **Internet** . Iconovex Inc's EchoSearch 1.07 takes a unique approach to presenting search results, offering...

... come in. These products, which run locally on your PC, let you send queries to **several search engines** at once. Just input your search criteria, and the **metasearch tool queries multiple engines** , then returns and combines the results. **Metasearch** engines help you make the most of what each search engine has to offer while avoiding the time-consuming process of running the **same search** multiple times.

THAT THING THEY DO

Of course, not all metasearch tools are created equal...

14/3,K/4 (Item 4 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

02046780 SUPPLIER NUMBER: 19226961 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Web wisdom. (tips for speeding up Internet access) (Internet/Web/Online Service Information)

Veit, Stan

Computer Shopper, v16, n4, p592(1)

April, 1997

ISSN: 0886-0556 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1218 LINE COUNT: 00090

... look into more sophisticated search options like metasearch tools, which send the same query to **several search engines simultaneously** ; **search** assistants, which are variations on the "intelligent agent" concept and help you augment and keep...

14/3,K/5 (Item 5 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

02045030 SUPPLIER NUMBER: 19203679 (USE FORMAT 7 OR 9 FOR FULL TEXT)

1,001 top free downloads: April update. (includes related article on packages that include games and utilities) (Internet/Web/Online Service Information)

PC/Computing, v10, n4, p302(2)

April, 1997

ISSN: 0899-1847 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 932 LINE COUNT: 00078

... NetSearch, a 32-bit metasearch tool. This limited-use shareware utility lets you query as **many** as 30 popular **search engines** **simultaneously** . Cool!

File: NS2WA.ZIP

Size/Time\*: 2197K/15 minutes

Games

FIFA Soccer 97

Get in...

14/3,K/6 (Item 6 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

02031875 SUPPLIER NUMBER: 19097189 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Simultaneous **Web Searches**.

Newsbytes, pNEW02060025

Feb 6, 1997

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 82 LINE COUNT: 00009

Simultaneous **Web Searches**.

TEXT:

...Web search engines like this one for a while. The page, named Dog File, will **simultaneously** access and search the major **search engines** saving you accessing **many** other pages. You can get a quick overview of the top hits from each of...

...search service. This includes links to Web, Usenet, mailing list, and file archive search engines. **World Wide Web** : <http://www.dogpile.com>

14/3,K/7 (Item 7 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

01996603 SUPPLIER NUMBER: 18795744 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Top online choices. (21 best Internet tools) (Directory)**

Schwerin, Rich

PC/Computing, v9, n11, p362(2)

Nov, 1996

DOCUMENT TYPE: Directory ISSN: 0899-1847 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 1036 LINE COUNT: 00095

... 441-7234

If you still haven't found what you're looking for on the **Internet**, take a look at Symantec's new **Internet FastFind**. Its friendly interface puts a bright face on a complex **metasearch** technology that **queries multiple search engines simultaneously**.

Voxware ToolVox Player 2.0

Free

(609) 514-4100

Listen up: Voxware's ToolVox Player...

14/3,K/8 (Item 8 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

01971155 SUPPLIER NUMBER: 18564107

**Find anything on the Web. (searching techniques) (includes related article on searching tips) (Internet/Web/Online Service Information)**

Basch, Reva

Computer Life, v3, n9, p61(8)

Sep, 1996

ISSN: 1076-9862 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 4682 LINE COUNT: 00360

ABSTRACT: Search engines and other tools help users locate information on the **World Wide Web**, but the best results are achieved from well-planned searches. Before searching, users should determine...

...while Deja News targets the Usenet groups. Two metasearch engines, which submit a request to **many search engines** at the **same time**, are rated. Searchers may also employ virtual libraries, which organize information into logical hierarchies and...

14/3,K/9 (Item 9 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

01951055 SUPPLIER NUMBER: 18418712 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Quarterdeck widens the hunt. (developing upgrade to WebCompass search software) (Brief Article) (Product Announcement)**  
PC Week, v13, n25, p6(1)  
June 24, 1996  
DOCUMENT TYPE: Brief Article Product Announcement ISSN: 0740-1604  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 371 LINE COUNT: 00034

... intelligent agents, complex filtering and information management functions that reside on top of the current **meta-search** layer, said officials. The architecture enables users to **query multiple search engines**, **Internet** domains and **intranet** databases **simultaneously**.  
WebCompass is the linchpin in a strategy that officials hope will help the Marina del...

14/3,K/10 (Item 10 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

01936673 SUPPLIER NUMBER: 18288942 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Slicker searching on the Web. (Quarterdeck WebCompass) (Software Review) (Evaluation)**  
O'Malley, Chris  
Computer Shopper, v16, n6, p384(1)  
June, 1996  
DOCUMENT TYPE: Evaluation ISSN: 0886-0556 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 966 LINE COUNT: 00082

... already on the Web. And several, such as the All-in-One Search Page (<http://www.albany.net/allinone>), are free. But they typically give you a convenient launch pad to **several search engines** without letting you do **simultaneous** searches, and you have to enter the search criteria more than once. More important, perhaps...

14/3,K/11 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2001 The Gale group. All rts. reserv.

04711774 SUPPLIER NUMBER: 19150092 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Navigating to knowledge: tools for finding information on the Internet. (JAMA NetSight: A Guide to Interactive Medicine)**  
Peters, Richard; Sikorski, Robert  
JAMA, The Journal of the American Medical Association, v277, n6, p505(2)  
Feb 12, 1997  
ISSN: 0098-7484 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2137 LINE COUNT: 00179

... exclude undesired results.  
The latest trend in Web search technology is the metasearch engine. These **sites** let users **query several search engines** from a single interface, obviating the need to connect to **several search engine sites** to run **multiple** queries. The majority of **metasearches** will query multiple databases, but only 1 at a time. A true **metasearch** is run in parallel, querying all databases **simultaneously**. MetaCrawler Searching and **MetaSearch** at Highway 61 are our 2 favorites. They query the major search engines, return the...

14/3,K/12 (Item 2 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2001 The Gale group. All rts. reserv.

04641378 SUPPLIER NUMBER: 18848839 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Internet "Onesearch" with the mega search engines. (online sites allow for multiple database searches using different software tools) (Column)

Notess, Greg R.

Online, v20, n6, p36(4)

Nov-Dec, 1996

DOCUMENT TYPE: Column ISSN: 0146-5422 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2542 LINE COUNT: 00208

ABSTRACT: Mega search services are Internet sites that allow users to run multiple database searches using several Internet search engines, such as InfoSeek and Lycos. The sites run the search engines either simultaneously or sequentially. However, mega services have drawbacks in efficiency, speed and accurate searching. The features of the All-in-One, SavvySearch and MetaCrawler mega search services are discussed.

... they do not create their own databases; rather, they rely on databases gathered by other Internet search engines, such as Alta Vista, HotBot, and Infoseek. Instead of building their own database...

...provide a search interface for submitting queries to multiple finding aids. To achieve this, the mega search engines use one of two approaches.

Some list search engines and provide a form for each. This all-in-one approach, used by All-in-One and Beaucoup, enables a sequential search, where the user can run one search engine after another. In the second approach, used by the likes of SavvySearch and MetaCrawler, a single search form is used to simultaneously send a search request to multiple search engines.

THE ALL-IN-ONE APPROACH

The all-in-one mode is one of the most...on DIALOG's OneSearch? In a word, no.

The effort is commendable; however, problems with mega search engines still outweigh many of their benefits. The all-in-one approach requires multiple entering of the same query but at the same time limits some of the unique capabilities of the individual search engines. SavvySearch and MetaCrawler make...

...handle Boolean queries, they fail to properly execute a basic AND search through their component Internet indexes. This can happen even when the search engine in question does contain the capability...

14/3,K/13 (Item 3 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2001 The Gale group. All rts. reserv.

04637800 SUPPLIER NUMBER: 18884792 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Searching is my business: a gumshoe's guide to the Web. (locating information on the Internet) (Internet/Web/Online Service Information) (Tutorial)

Tweney, Dylan

PC World, v14, n12, p182(8)

Dec, 1996

DOCUMENT TYPE: Tutorial ISSN: 0737-8939 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 4428 LINE COUNT: 00336

...ABSTRACT: search tools on the market that organize and consolidate search results by sending queries to multiple search engines simultaneously. Numerous search assistants are available, but few are useful; three of the better ones are Knowledge Discovery's More Like This, Symantec's Internet FastFind and Quarterdeck's WebCompass 2.0. Offline browsers such as FreeLoader and First Floor...

... need. They fall into three groups: metasearch tools, which submit the same query simultaneously to **several engines** ; **search** assistants, which help you manage searches more efficiently; and offline browsers, which check Web pages...

...different sites, use a metasearch tool--a Web site or a program that submits your **query** to **several engines simultaneously** , then rounds up the most likely suspects on a single page.

One of the best...

14/3,K/14 (Item 4 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2001 The Gale group. All rts. reserv.

04435190 SUPPLIER NUMBER: 18008360 (USE FORMAT 7 OR 9 FOR FULL TEXT)

WebCompass organizes searches - but free tools do nearly as well.

(Quarterdeck Corp's Web browser) (Software Review) (Brief

Article) (Evaluation)

Goldsborough, Reid

PC World, v14, n3, p94(1)

March, 1996

DOCUMENT TYPE: Brief Article Evaluation ISSN: 0737-8939

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 350 LINE COUNT: 00031

... or Windows 3.1 (using the provided Win32s extensions).

WebCompass has the power of existing **Internet search engines** but offers **additional** time-saving features. For example, while some free "**meta**" **search** sites on the **Internet** provide access to **multiple search engines** , you must type in your search criteria multiple times. But you only have to enter search criteria once with WebCompass, which **simultaneously** uses Yahoo, Lycos, and other engines to find your information. You can also add new search engines that you might find on the **Internet** .

In addition, WebCompass does a better job of organizing and summarizing its findings than other...

14/3,K/15 (Item 5 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2001 The Gale group. All rts. reserv.

04394203 SUPPLIER NUMBER: 17900310 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Find it on the Net. (searching the Internet) (includes related article about conducting searches) (Technology Tutorial)

Scoville, Richard

PC World, v14, n1, p125(6)

Jan, 1996

ISSN: 0737-8939 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2378 LINE COUNT: 00191

...ABSTRACT: the database is different for each search engine and impact the success of topic specific **searches** . **Metasearch sites** employ **several search engines simultaneously** to initiate queries.

... out a metasearch site (see "Metasearch Engines"). These are pages from which you can use **several search engines** to launch **queries** .

Two of these pages-- Savvy Search (<http://www.cs.colostate.edu/dreiling/smartform.html>) and MetaCrawler (<http://www.cs.washington.edu/research/projects/ai/metacrawler/www/home.html>)-- launch your **query** to **several engines** at the **same time** (including most of the engines we looked at individually). Savvy Search also covers ArchiePlex (for...

14/3,K/16 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

03623352 Supplier Number: 47805869 (USE FORMAT 7 FOR FULLTEXT)  
**SOFTWARE: Prompt Software Scores 'Direct Hit'**  
dot.COM, v4, n4, pN/A  
July 1, 1997  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 677

... times, displaying results even as WebSleuth continues processing in the background.

WebSleuth is a metasearch tool that **simultaneously queries multiple search engines**, such as Yahoo, AltaVista, Excite, and Infoseek. However, unlike current **metasearch** tools that retrieve information and rank "hits" based only on key words, WebSleuth uses linguistic...

**14/3,K/17 (Item 2 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

03596858 Supplier Number: 47446151 (USE FORMAT 7 FOR FULLTEXT)  
**INFERENCE RELEASES NET SEARCH TOOL**  
Telecomworldwire, pN/A  
June 6, 1997  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 119

INFERENCE CORP has introduced Inference Find, its new knowledge search tool for **intranets**, extranets and the **Internet**. Inference Find utilises **meta-search** and organisation capabilities to enable users to manipulate information through clustering and logical grouping to uncover new information or patterns. Inference Find can be configured to search **intranet** and **Internet** documents **simultaneously** and when combined with **multiple search engines** can remove duplicate hits before clustering. Inference Find supports Sun SPARC Solaris and Windows NT servers and is available from Inference's web site at <http://www.inference.com/ifind/> and as a feature of the company's web-based self-help...

**14/3,K/18 (Item 1 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2001 The Gale Group. All rts. reserv.

05121603 Supplier Number: 47819347 (USE FORMAT 7 FOR FULLTEXT)  
**Search And Sort -- WebSleuth queries multiple engines and linguistically analyzes the results**  
Hibbard, Justin  
InformationWeek, p65  
July 7, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; General Trade  
Word Count: 236

Like other "metasearch" products, WebSleuth from Prompt Software Inc. in Novato, Calif., simultaneously **queries multiple search engines** such as Yahoo! and Alta Vista. It then scans the retrieved pages and builds an index. Rival tools such as **Internet** FastFind from Symantec Corp. in Cupertino, Calif., and WebCompass from Quarterdeck Corp. in Marina del...

**14/3,K/19 (Item 2 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2001 The Gale Group. All rts. reserv.

05024709 Supplier Number: 47377612 (USE FORMAT 7 FOR FULLTEXT)

**Too much information**

InfoWorld, p72

May 12, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 3900

... were disappointed by their weak performance. What good is the ability to organize queries from **multiple search engines** without solid hits? After all, these products submit your query to **many Internet search engines simultaneously**.

PC power? The metasearch solutions should harness the processing power on your desktop to relentlessly...

**14/3,K/20 (Item 3 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2001 The Gale Group. All rts. reserv.

04201321 Supplier Number: 46144163 (USE FORMAT 7 FOR FULLTEXT)

**QUARTERDECK ANNOUNCES WEBCOMPASS PERSONAL EDITION TO BE LAUNCHED IN MARCH**

PR Newswire, p212LAM045

Feb 12, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 498

... of its award- winning WebCompass that's built around key features of WebCompass, including the **simultaneous metasearch** of **multiple Web search engines** and preparing an abstract of the query data, all through a point-and-click interface...

**14/3,K/21 (Item 1 from file: 484)**

DIALOG(R)File 484:Periodical Abstracts Plustext

(c) 2001 Bell & Howell. All rts. reserv.

03282888 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Souping up the Web**

Smith, Victoria Hall

Home-Office Computing (GFHC), v15 n6, p38-40, p.2

Jun 1997

ISSN: 0899-7373 JOURNAL CODE: GFHC

DOCUMENT TYPE: Product Review-Comparative

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 373

TEXT:

... more than Net.Jet, Blaze adds bookmarking, indexing, and a metasearching function that simultaneously searches **multiple Internet search engines**, including Yahoo! and AltaVista.

Although Web browser accelerators can help speed up your time on...

**14/3,K/22 (Item 2 from file: 484)**

DIALOG(R)File 484:Periodical Abstracts Plustext

(c) 2001 Bell & Howell. All rts. reserv.

03226876 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Dig up research down in the data mines**

Greengard, Samuel

Workforce (PEJ), v76 n3, p80-81, p.2

Mar 1997

ISSN: 0031-5745 JOURNAL CODE: PEJ

DOCUMENT TYPE: Feature

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 495

TEXT:

... town. Metasearch sites, such as MetaCrawler, ProFusion and Al40ne, ratchet up the capabilities by conducting **searches** on **several engines simultaneously** . And a slew of new programs, such as Symantec's FastFind, provide powerful software that...

14/3,K/23 (Item 3 from file: 484)

DIALOG(R)File 484:Periodical Abstracts Plustext  
(c) 2001 Bell & Howell. All rts. reserv.

03194596 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Microcomputer applications in the library: Search engines: Part 1, section 2**

Duval, Beverly K; Main, Linda

Library Software Review (LSR), v16 n1, p25-37, p.13

Mar 1997

ISSN: 0742-5759 JOURNAL CODE: LSR

DOCUMENT TYPE: Feature

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 8047

ABSTRACT: Duval and Main offer information on **Internet** search engines and search services, with a focus on META search engines. Among the search

...

TEXT:

Headnote:

Part 1, Section 2 continues the article on searching for information on the **Internet** . **Additional search engines** and **search services** are discussed. In particular, META search engines are detailed. Part 2 will follow in the next issue of LSR with Trail Blazers.

The first **two Web search engines** are subscription based. You will see more and more of these proprietary-type database services...

...an initial free period, you pay a nominal fee for full-text retrieval.

NlightN [http://www .nlightn.com/](http://www.nlightn.com/)

This search engine is owned by Library Corporation. Library Corporation has licensed the...

...millions of citations, abstracts, and full text. Each citation, abstract, or full text is available **on -line** or through document delivery.

The databases incorporate the following: business, science, health, humanities, entertainment, and...

...cost before you spend any money. You can set up an account by credit card (**on -line** or by phone), or you can send a check.

Search Tips. Click in the box...

...Results. NlightN presents results based on searches in its Information Databases, News Briefings, Archived News, **WWW** , Database Reference, and Discount Bookstore. Click Review Log, at the top of the results screen...

...log by clicking Clear Log at the top of the results screen.

Electric Library <http://www .elibrary com/>

An **on -line** information service operated by Infonautics Corporation contains more than 150 full-text newspapers; nearly 800...

...for searching or retrieval. For school or library use, site licenses are available on a **simultaneous** user basis; prices depend on the number of users who will be accessing The Electric Library at the **same time** .

Search Tips. To sign up for a free trial, enter a question in natural language...feature takes you immediately to the most relevant section of each document. Read the document **on -line** or click Edit/Copy to copy the text, open your favorite Windows word-processing program...

...Paste to paste the article from the clipboard, and read it off-line.

iGuide <http://www .iguide.com>

iGuide allows searching by many different categories, from TV, movies, and music to...

...R, PG) Length

MetaSearch <http://metasearch.com/>

This search engine, designed by Scott Banister, offers **World Wide Web** searches, software searches, and dictionaries and thesauri searches. **World Wide Web** Searches: Search Tips. Options include the following: Selecting the number of hits displayed (10, 25...

...results to take a little bit longer, but they can be very fruitful.

SawySearch <http://www.cs.colostate.edu/~dreiling/smartform.html>

As a **simultaneous** search engine, SavvySearch takes your search and queries many diverse databases at once, giving you...

...user interface. The search engines it selects are based on keywords in your query, estimated **Internet** traffic, and anticipated response time.

The search engine includes the following sources and types of information:

**WWW** Resources Software People Reference Commercial Academic  
Technical Reports Images News Entertainment

The search form incorporates...search engine. Click Savvy Search! to start your search.

Results. URLs (Uniform Resource Locators or **World Wide Web** addresses) will be displayed in the results when the display mode is set to Verbose.

c/net's Search.Com <http://www.search.com>

Search.Com is a collection of tools designed to find information on the...

...research tool. However, plans are to eventually commercialize and license it. It sends queries to **several search engines**, including Lycos, WebCrawler, Excite, AltaVista, Yahoo, HotBot, and Galaxy. It also queries a number of...

...you have a Java-capable browser (e.g., Netscape Navigator 2.0 or higher or **Internet Explorer** 3.01 or higher), you can view your search results with a MetaCrawler control...different ways, according to options that you choose, such as locality, region, and organization. Like **many** of the **search engines**, MetaCrawler allows you to add the form or logo to your Home page. Copy the...

...animated gif (mc-anim2.gif). You can also advertise your home page through the MetaCrawler **Search Service**. For **additional** information, send e-mail to [advertising@metacrawler.com](mailto:advertising@metacrawler.com).

IBM's Infomarket Service <http://www.infomkt.ibm.com/>

InfoMarket is a Web-based research service that lets you buy information on a per-document basis. It lets you search both the **Internet** and private databases **simultaneously**. There are no subscription or **on-line** fees. It includes information from 6,906 journals, 798 newsletters, 300 newspapers, and 69 news...

...subcategories from which to choose:

Business & Finance Computers & Telecommunications Entertainment & Leisure Environment Health & Biotechnology Industries **Internet** Law & Government News Sciences & Engineering Travel

Click Submit Search.

Advanced Search allows you more sophisticated...

...refine your search. You can save your results list.

ALL-IN-ONE Search Page <http://www.albany.net/allinone>

The ALL-IN-ONE Search Page compiles various formsbased search tools found on the **Internet**. It has a consistent interface. A mirror site is currently available in French; other languages...

...options, depending on the search engine(s) you use. Experiment! Select from the following areas:

**World Wide Web** General **Internet** Specialized Interest Software

People News/Weather Publications/Literature Technical Reports Documentation  
Desk Reference  
Other Interesting...

...in five of the options are illustrated below (derived from listings at the site).

The **World Wide Web** option offers the following:

411 (locate a Web site or e-mail address by a phone number-enter area code and phone number)

A2Z (categorized directory of the most popular **Internet** resources by Lycos)

Ahoy ! (searches for people's personal Home pages-enter last name, first...

...AltaVista Web Search (Digital's new search enginechoose query type: simple or advanced)

CityScape Global **On -line** Directory

Computer Vendor Guide by SBA \* Consulting (search more than 1,300 vendors presently on the Web) CUI **World Wide Web** Catalog

Ecola's Tech Directory (search for Web sites of technology corporations)

Excite NetSearch (database...

...NetReviews (editorialized review of various Web sites)

Forum One (guide to more than 34,000 **on -line** forum discussions on the Web)

Galaxy (search for **WWW** , Gopher, and telnet sites) Harvest Broker (WAIS-based search of **WWW** Home pages)

HotBot (major new search engine from HotWired/ Inktomi)

I-Explorer (a category-based directory of **Internet** sites)

Infoseek (type your search in plain English or keywords and phrases)

Infoseek Guide (the new interface to Infoseek-**WWW** page search only)

Inktomi Search Engine (enter up to ten keywords separated by spaces)

IWeb...

...Web site reviews) JumpCity (database of Web site reviews).

Linkstar

Lycos (the catalog of the **Internet** -indexes more than 90 percent of the Web!)

Magellan: McKinley's **Internet** Directory (over 30,000 reviewed, rated, and indexed Web pages)

Mesch (Multi-WAIS Engine for...

...more than 50,000 Web sites reviewed and rated by NetGuide Magazine)

NetMall (directory of **Internet** -based businesses-enter single search word)

New Riders' Official **WWW** Yellow Pages

NlightN (keyword search numerous sources-choose source)

NorthStar (search **WWW** document headers)

OneKey Smart Search (...popular and best-quality Web sites relevant to your query)

RBSE's URL Database (search **WWW** document full text)

SavvySearch (new: **simultaneous** search of almost twenty **Internet** engines)

SavvySearch (old: **simultaneous** search of **Internet** search engines-choose number to search)

Spry **Internet** Wizard (see Yahoo entry below)

search.onramp.net (**simultaneous** search of ten engines with results scored and ranked)

Starting Point (MetaSearch page)

Tribal Voice (**Internet** Trailblazer search)

Ultraseek (new search engine from Infoseek)

Wandex (net.Genesis Wanderer Index)

WebCrawler (search **WWW** document content) What's New Tool! (search new Web announcementsmore than 700 a day)

Who's Who on the **Internet** (directory of personal Home pages)

**WWW** Worm (choose search options)

Yahoo (enter multiple search words)

Yooligans! The Web Guide for Kids (enter multiple search words)

YPN (Your Personal Network-search more than 30,000 reviews of **on -**  
**line** service and **Internet** sites)  
The General **Internet** option offers the following:  
AltaVista Newsgroup Search (full text of more than 13,000 newsgroups  
...  
...search area)  
Buyer's Index (more than 3,500 North American mail order catalogs and  
**WWW** shopping sites)  
CMC Information Sources (resources relating to computer-mediated  
communication)  
COMMA (hotlist database subject...  
...News (large USENET archive, from one month to one year)  
Domain Name Database (search for **Internet** hosts by keyword-city,  
state, ZIP, company, etc.)  
Excite USENET Search (search two weeks of USENET discussions and  
classifieds-choose type)  
Globewide Network Academy Course Catalog (search for **on -line** and  
distance learning courses)  
Harvest NetNews Broker (Usenet News search)  
HYTELNET (search for Public TELNET and TN3270 sites)  
INFOMINE (search various collections of **Internet** resources-choose  
category)  
Infoseek Guide (the new interface to Infoseek-choose search type  
desired)  
**Internet** Clearinghouse (resource directory at the University of  
Michigan)  
**Internet** Domain Search  
**Internet** Public Library (reference center query-choose search  
category)  
**Internet** Sleuth (search database for other search sites/sources)  
InterNIC Conf. Announce (search News.Announce.Conferences...  
...Servers (search for text within list descriptions)  
Net Happenings (search the archives of this popular  
**Internet** announcement mailing list)  
Reference.com (digital library of network news and public mailing  
list)  
The List (database of more than 1,500 **Internet** service providers)  
The World InterList Search The World's index of subjects TILE.NET  
**Internet** References  
Computer vendors  
FTP sites  
ListServers  
USENET Newsgroups  
WCP Site Database (displays the map entry...  
...Server Directory (gateway search)  
Web Developer's Virtual Library (a great library of resources for **WWW**  
developers)  
Worldwide Yellow Pages (search business name or heading)  
Who Where? (Organization Search White Page...  
...Web Server (search a variety of information related to Compaq products  
and services)  
Discovery Channel **Online** (search content of the Discovery Channel  
Web site)  
Games Domain Search (search database of games...  
...MIT  
FOUR 11 Directory Services (enter person's last name and, optionally,  
the first name)  
**Internet** Address Finder (enter person's last name and, optionally,  
the first name)  
Netfind Gateway (name...  
...format, including ZIP+4)

Computer Dictionary (searchable dictionary of computing terms)  
Global Encyclopedia (a free **on-line** encyclopedia written  
exclusively by volunteers)

Geographic Name Server (enter ZIP code or city, state)

Hacker...uk/public/cusi/doc/list.html

CUSI is a configurable search interface for many searchable **WWW**  
resources. It allows you to quickly check related resources without having  
to retype your keywords. It allows you to submit your query to **multiple**  
**search engines** one at a time. The CUSI site is often busy. Try any of  
the CUSI...

...site):

Europe

CUSI at NEXOR (United Kingdom)

CUSI at PIPEX (United Kingdom)

CUSI at Demon **Internet** (United Kingdom)

CUSI at Enterprise PLC (United Kingdom)

CUSI at SunSITE Northern Europe (United Kingdom)

CUSI at Imperial College (United Kingdom)

CUSI at **Internet** UK

CUSI at "The City" (United Kingdom)

CUSI at The Exeter University (United Kingdom)

CUSI...

...CUSI at Ping (Belgium)

CUSI at LIRMM (France)

CUSI at Altair (Italy)

CUSI at City **On Line** (Italy)

CUSI at Aristotle University of Thessaloniki (Greece)

CUSI at Cracow University of Technology (Poland...

...service at Information.Com (United States)

CUSI at Europa Communications (United States)

CUSI and the **Internet** Wizard at Spry (United States)

CUSI at SuperNet (United States)

CUSI at the Salk Institute for Biological Studies in California  
(United States)

CUSI at UNC Greensboro (United States)

CUSI at **Internet** Direct (Canada)

CUSI at the University of Saskatchewan (Canada)

CUSI at the University of Manitoba...

...Faculty of Astronomical and Geophysical Sciences, La Plata (Argentina)

Astronomical Observatory (Argentina)

CUSI at Pacific **Internet** (Asia)

CUSI at Telstra (Australia)

CUSI at UCNNet (Taiwan)

CUSI at 2&5 Systems Corp. (Korea)

CUSI at Postech (Korea)

Yahoo's List of All-in-One Search Pages <http://www>

.yahoo.com/Computers...

...Yahoo! Usenet E-mail Addresses; search all categories in Yahoo; search  
only in Computers and **Internet** :**Internet** :**World Wide Web** :Searching  
the Web:Allin-One Search Pages; find only new listings added during the  
past...to search through multiple search crawlers at once.

SavvySearch-sends your query in parallel to **many search engines** .  
The results are displayed in a homogeneous format. Can be displayed in any  
of **several** languages. 2ask

33 **Search Engines** in One Page All 4 One Search Machine

All Seeing EYE-Javascript all-in-one search engine from StreetEYE.

All-in-One Search Page-search more than 120 of the **Internet** 's best  
engines, databases, and indexes from a single site! Easily the most  
comprehensive resource of its type available.

all4one Search Machine-get **simultaneous** results in side-by-side  
frames from four of the Web's most popular search...

...six languages, all-in-one searches, and forms.

Benjamin's Net Navigation  
Bigfoot UK  
BigKid **Internet** Search-search Lycos, Infoseek, AltaVista, Excite,  
Tradewave Galaxy, Yahoo, Yahoooligans, and more.  
Blake Cameron's...

...interface for all the searches. It has all the new engines on it.

Buster!-the **Internet** search page named for a cat. CaBOOM!-why search  
in one if you can search...

...CID's Search

Cosmix Mother Load-featuring "The Insane Search."

CUSI-a unified interface for **several search engines** that do  
resource discovery in the Web.

Dave's **Internet** Search Engines-find **WWW** pages, usenet news, phone  
numbers, and more. All from a single set of pages.

Debra L. Abale's **Internet** Search Page-more than thirteen search  
engines all on one page.

**Dogpile** -multiengine, semiparallel search interface. Searches  
logically through **several search engines** until ten matches are found.  
Allows use of Boolean and proximity operators.

Dr. Webster's...

...eDirectory-the world's search engines, categorized by country.

El Hazard's Search-links to **several search engines** throughout  
the **Internet** .

El Paso Infopage Search Engines-one-stop search engine.

EZ-Find-this utility lets you enter keywords to search for on the Net  
and then submit them in turn to **several search engines** without having  
to retype them for each engine.

Find-It!-a complete **Internet** search tool for finding Web/**WWW**  
documents, people, software, and usenet newsgroups with a cool interface.  
Search them all from one page!

Findspot-an **Internet** -searching gateway designed to assist users in  
creating searches that retrieve a manageable list of...

...ll have tons of search services available to you in one convenient  
place.

I/spy **Internet** News Search-metasearch tool that allows you to search  
numerous news and public information databases on the Web **simultaneously** .

iHunt-what would you like to find today?

Index of Indices-search the Net for Web sites, e-mail addresses,  
usenet articles, or software.

**Internet** Navigator-a unified interface for more than seventy-seven  
search engines all on one page.

**Internet** Search Engines (UK/Europe Edition)-descriptions, links, and  
search entry forms for the major **Internet** search engines (UK/Europe).

**Internet** Search Engines (Worldwide Edition-descriptions, links, and  
search entry forms for the major **Internet** search engines.

**Internet** Search Engines [Norway]-on this page you can access most  
search engines on the Net from Norway.

**Internet** Secretary-hundreds of search engines.

**Internet** Sleuth, The-collection of more than 1,500 searchable  
databases covering a wide variety of topics. Parallel searching allows the  
**simultaneous** search of up to ten databases within categories.

**Internet** 's Control Panel, The IS Workgroup, Search page

iSearch UK-search for anything from one...

...phone number, address, stock quotes, Web sites, promotion opportunities,  
and more.

JavaScript Search Engine

Jayde **Online** Directory-provides a concise index of the best local,  
national, and international sites on the **WWW** .

L'ere Bete LED Sign

Librarian, The-provides extensive access to many interesting and fun

...

...to search for Matt's Ultimate Search Page (see below). Search any of the  
best **WWW** catalogs on the Net.

Mamma-mother of all search engines.

Matt's Ultimate Search Page-search any of the best **WWW** catalogs on the Net. This page offers you a one-stop link to finding all...

...enter your search terms and choose advanced features such as Boolean operators just once, then **search multiple engines** without ever retyping.

Mike's Place-complete forms for eight of the best search engines...

...MultiSearch by Craig Lewin

Net Locator-a frames-based research tool allowing quick access to **many search engines** on the **Internet**. This is a free service!

NetPet's Ultra-Bookmark-for direct search submissions to the...

...at once, triple and quad engine searches, Search Yahoo, Yahoo!igans, AltaVista, Lycos, and more.

Quick **Internet** Search Page, The-**Internet** search page with some Olympics links.

Quik-Searches-we cut out the middle man and pass the savings on to you!

Rob's **Internet** Search Engines Page-uses frames and new windows to feature Yahoo!, Lycos, Infoseek, LinkStar, **WWW** Yellow Pages, Starting Point, and more.

Robban's SuperSearch-search utility written in JavaScript.  
Search...

...world, all from this one page.

Search Satellite, The-pop-up window that accesses twenty **Internet** search engines from one convenient input field.

Search Sites and Forms

Search.com-more than 250 ways to search the Net. **On -line** forms for most major and minor search engines from c/net.

Searchers (at BOBAWORLD)-more than sixty different links to search pages, including **multiple search engines**, plus **on -line** forms.

SearchZone-provides a one-stop search engine resource with more than 150 search engines indexed by category.

Snake Eyes-search the **Internet** with the most powerful search engines out there on one page. It's quick and easy!

Start Page-search the top ten **Internet** search engines, news sources, businesses, dictionaries, movies, and stocks from one form. Also, submit your **site** to **several search engines**.

Sunday Paper-search the **Internet**, including the newsgroups via the major search engines from the convenience of one location.

SuperSearch-search **several** popular **search engines** with Java-powered service.

SuperSeek-search up to four engines **simultaneously**, side by side.

Surf's UP-a "kinder and gentler" all-in-one search page...

...many more!

Ted Slater's Search Engines

TUSP-search the best search engines on the **World Wide Web** from one page.

UltraSearch-search a variety of subjects from hundreds of search engines.

W3...

...those who desire a fast, efficient, and pleasurable way to search and explore.

WepaPapst Suchdienst-**Internet** far Einsteiger; Alle grossen Suchdienste auf einen Blick.

YARC-Yet Another Remote Control

Yet Another...

...engine listed earlier. Another FTP search engine is c/net's shareware.com: <http://ll.wwww.shareware.com>. Select Power Search to obtain maximum searching options. You might also want to experiment with Snoobie: <http://www.snoobie.com/query.html>. Select Power Search to use maximum searching options.

Suggestions for Using...

...date it was last saved, and the name of the file.

Newsgroups

Deja News <http://www.dejanews.com>

Deja News searches only newsgroups. It attempts to capture postings to newsgroups every...

...the names of newsgroups to which the author posted.

PEOPLE <http://home.netscape.com/home/Internetwhite-pages.html>

Netscape 3.0 and higher includes a People button that allows you to... in addition to finding users, the site also offers Fourll Connect, which finds users currently **on -line** and ready to receive an **Internet** phone call.

Housernet-lets you search by name, marital status, sex, age, and more, as well as by name.

InfoSpace-**on -line** directories (e.g., Yellow Pages, government listings, and individuals).

**Internet** -collection of Gopher sites with e-mail address listings.

**Internet** Address Finder-lets you add yourself or search for others by address or name.

Netfind-free **Internet** address search provided by InterLink, a public service **Internet** guide.

OKRA-five million e-mail address listings.

PeopleFind-has integrated maps, phone books, and community guides.

PeoplePage-an **on -line** snapshot of humanity created by an individual user.

Search America-fee-based search service finds...

...current listing.

Telecom New Zealand-corporate site for New Zealand's telecommunications provider, with an **on -line** telephone lookup service for individuals and business.

TeleDanmark-corporate site for Danish telecommunications company, with

...

...people in Africa, North and South America, Asia, Europe, and the South Pacific.

White Pages-**on -line** access to eight million Australian residential, business, and government listings. Listings are updated daily.

Who Where?-lets you find e-mail addresses, Home pages, URLs, and

**Internet** phone numbers in English, French, and Spanish.

World Alumni Page-directory of alumni electronic mail...

...brief annotations on Bigfoot, Fourll, IAF, InfoSpace, and Switchboard.

Who Where? also found at <http://www.whowhere.com>

This search engine helps you locate people and companies on the Net as

...

...English, French, and Spanish. Choose from the following categories:

E-mail Addresses Personal Home Pages **Internet** Phone Companies on the Net Yellow Pages

Phone Numbers & Addresses

Information is gathered from public sources on the **Internet**. You can update it after typing in your username and password.

Search Tips. Select a...

...select All Matches or Only Exact Matches before starting your search.

Advanced Search gives you **additional** search options. The **search engine** ignores punctuation and is not case sensitive. It finds matches based on strings of two...

...following information:

duval: [duval@ix.netcom.com](mailto:duval@ix.netcom.com) (click to send e-mail); email provider: Netcom **Online** Communication Services. More details about duval? (Last updated: January '97)

Bigfoot

An e-mail directory...

...have friends and acquaintances write to you, and your mail will be

forwarded to your **Internet** service provider account whenever you change ISPs.

Four1

Lets you search for both e-mail...

...DESCRIPTORS: **Internet**

14/3,K/24 (Item 4 from file: 484)  
DIALOG(R)File 484:Periodical Abstracts Plustext  
(c) 2001 Bell & Howell. All rts. reserv.

03123109 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**What flavor is your Internet search engine?**  
Brandt, D Scott  
Computers in Libraries (ICLB), v17 n1, p47-50, p.4  
Jan 1997  
ISSN: 1041-7915 JOURNAL CODE: ICLB  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2402

TEXT:

... s already another term for this: meta-search engines.

(Chart Omitted)

Captioned as: Figure 1:

**Meta -search** engines, such as MetaCrawler [<http://www.metacrawler.com/>] or SavvySearch [<http://guaraldi.cs.colorado.state.edu:2000/>]  
were designed to **query multiple search engines simultaneously**.  
You've got numerous **search engines**, many which send out robots and spiders to update their databases continually (see Figure 1). When...

...purpose ones-AltaVista, Lycos, Excite, Opentext-there are differences, omissions, and exclusions. Thus, using a **search engine** that **searches several search engines** makes sense. SavvySearch aims for comprehensiveness (queries 20 search engines) and speed (reports hits but ...

14/3,K/25 (Item 1 from file: 813)  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1119223 SFTU034  
**Software Industry Veteran Seymour Rubinstein Announces Internet Start-Up - Prompt Software**

DATE: July 1, 1997 08:18 EDT WORD COUNT: 437

...economic and competitive pressures."

As referenced earlier, Prompt Software is jointly announcing WebSleuth, a metasearch tool that **simultaneously queries multiple search engines** such as Yahoo, AltaVista, Excite and Infoseek. However, unlike current **metasearch** tools that retrieve information and rank "hits" based only on key words, WebSleuth uses linguistic...

14/3,K/26 (Item 2 from file: 813)  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1119222 SFTU035  
**Prompt Software Scores 'Direct Hit' for Internet Researchers With the Introduction of WebSleuth(TM)**

DATE: July 1, 1997 08:17 EDT WORD COUNT: 892

... times, displaying results even as WebSleuth continues processing in the background.

WebSleuth is a metasearch tool that **simultaneously queries multiple search engines** such as Yahoo, AltaVista, Excite and Infoseek. However, unlike current **metasearch** tools that retrieve information and rank "hits" based only on key words, WebSleuth uses linguistic...

14/3,K/27 (Item 1 from file: 141)  
DIALOG(R)File 141:Readers Guide  
(c) 2001 The HW Wilson Co. All rts. reserv.

03525639 H.W. WILSON RECORD NUMBER: BRGA97025639 (USE FORMAT 7 FOR FULLTEXT)

**Searching is my business: a gumshoe's guide to the Web.**

Tweney, Dylan.

PC World (PC World) v. 14 (Dec. '96) p. 182-6+

WORD COUNT: 4506

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... need. They fall into three groups: metasearch tools, which submit the same query simultaneously to **several engines**; **search** assistants, which help you manage searches more efficiently; and offline browsers, which check Web pages...

...different sites, use a metasearch tool--a Web site or a program that submits your **query** to **several engines simultaneously**, then rounds up the most likely suspects on a single page.

One of the best...

14/3,K/28 (Item 2 from file: 141)  
DIALOG(R)File 141:Readers Guide  
(c) 2001 The HW Wilson Co. All rts. reserv.

03289422 H.W. WILSON RECORD NUMBER: BRGA96039422 (USE FORMAT 7 FOR FULLTEXT)

**WebCompass organizes searches--but free tools do nearly as well.**

Goldsborough, Reid.

PC World (PC World) v. 14 (Mar. '96) p. 94

WORD COUNT: 368

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... or Windows 3.1 (using the provided Win32s extensions).

WebCompass has the power of existing **Internet search engines** but offers **additional** time-saving features. For example, while some free "**meta**" **search** sites on the **Internet** provide access to **multiple search engines**, you must type in your search criteria multiple times. But you only have to enter search criteria once with WebCompass, which **simultaneously** uses Yahoo, Lycos, and other engines to find your information. You can also add new search engines that you might find on the **Internet**.

In addition, WebCompass does a better job of organizing and summarizing its findings than other...

14/3,K/29 (Item 3 from file: 141)  
DIALOG(R)File 141:Readers Guide  
(c) 2001 The HW Wilson Co. All rts. reserv.

03275835 H.W. WILSON RECORD NUMBER: BRGA96025835 (USE FORMAT 7 FOR FULLTEXT)

Find it on the Net.

AUGMENTED TITLE: cover story

Scoville, Richard.

PC World (PC World) v. 14 (Jan. '96) p. 124-30

WORD COUNT: 2512

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... out a metasearch site (see "Metasearch Engines"). These are pages from which you can use **several search engines** to launch **queries**.

**Two** of these pages--Savvy Search (<http://www.cs.colostate.edu/dreiling/smartform.html>) and MetaCrawler (<http://www.cs.washington.edu/research/projects/ai/metacrawler/www/home.html>)--launch your **query** to **several engines** at the **same time** (including most of the engines we looked at individually). Savvy Search also covers ArchiePlex (for...

14/3,K/30 (Item 1 from file: 553)

DIALOG(R)File 553:Wilson Bus. Abs. FullText

(c) 2001 The HW Wilson Co. All rts. reserv.

03535538 H.W. WILSON RECORD NUMBER: BWBA97035538 (USE FORMAT 7 FOR FULLTEXT)

**Mega-searching from the desktop.**

AUGMENTED TITLE: Internet search tools

Notess, Greg R

Online (Weston, Conn.) (Online) v. 21 (May/June 1997) p. 89-91

LANGUAGE: English

WORD COUNT: 2569

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

In the November/December 1996 ON THE NETS column, I evaluated some of the **mega -search** engines available on the Web that would **simultaneously** search **multiple Internet search engines**. The intent, similar to DIALOG's OneSearch, is to save time by sending the **same search** request to all selected search engines at the **same time** and then compiling the results. Unfortunately, at that time, neither of the **two** best-known **mega -search engines**, SavvySearch and MetaCrawler, consistently translated Boolean queries properly when submitting them to the actual search...

...requires familiarity with their features and defects and with the capabilities of the individual Internet **search engines**.

#### SEARCH CAPABILITIES

**Searching multiple systems** that use different search syntax presents numerous difficulties. **Internet** search engines such as Alta Vista offer various means for running a Boolean search, while...

...special types of content in the documents. Using a single interface to search disparate systems **simultaneously** can limit the searcher's ability to use all the features available from a single...

14/3,K/31 (Item 2 from file: 553)

DIALOG(R)File 553:Wilson Bus. Abs. FullText

(c) 2001 The HW Wilson Co. All rts. reserv.

03520615 H.W. WILSON RECORD NUMBER: BWBA97020615 (USE FORMAT 7 FOR FULLTEXT)

**Leverage the power of the Internet.**

Greengard, Samuel

Workforce v. 76 (Mar. 1997) p. 76+

LANGUAGE: English

WORD COUNT: 3531

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... town. Metasearch sites, such as MetaCrawler, ProFusion and All4One, ratchet up the capabilities by conducting **searches** on **several engines simultaneously**. And a slew of new programs, such as Symantec's FastFind, provide powerful software that...

14/3,K/32 (Item 3 from file: 553)

DIALOG(R)File 553:Wilson Bus. Abs. FullText

(c) 2001 The HW Wilson Co. All rts. reserv.

03294783 H.W. WILSON RECORD NUMBER: BWBA96044783 (USE FORMAT 7 FOR FULLTEXT)

Using the Internet for tourism research: "information highway" or "dirt road"?

Williams, Peter W

Bascombe, Philbert; Brenner, Nancy

Journal of Travel Research v. 34 (Spring 1996) p. 63-70

LANGUAGE: English

WORD COUNT: 6784

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... engines were identified in our investigations as being particularly useful.

SavvySearch. As a type of **meta -search** engine, SavvySearch helps researchers launch investigations on the **Internet** by using **multiple search engines simultaneously**. Its simple word query formatting and click-box Expert Options sections make it particularly user...

Set	Items	Description
S1	2793	AU=(LAWRENCE, S? OR LAWRENCE S? OR GILES C? OR GILES, C?)
S2	53406	(QUER? OR SEARCH?) (2N) (ENGINE? OR SERVICE? OR SITE? OR SYSTEM? OR AGENT?)
S3	424	(MEGA OR META) () SEARCH? OR METASEARCH? OR MEGASEARCH?
S4	1349	S2 (3N) (MULTIPL? OR SEVERAL? OR MANY OR PLURAL? OR TWO OR ADDITIONAL?)
S5	769598	SIMULTANEOUS? OR COOCCUR? OR SAME() TIME? OR SEQUENTIAL? OR SAME() (SEARCH? OR QUER? OR REQUEST?)
S6	95	S4 AND S5
S7	693	S4 AND (WWW OR INTERNET? OR INTRANET? OR ONLINE? OR ON() LINE? OR WORLD() WIDE() WEB? OR WAN)
S8	29	DOGPIL AND (WWW OR INTERNET? OR INTRANET? OR ONLINE OR ON- L() LINE OR WORLD() WIDE() WEB OR WAN)
S9	43	S3 AND S5
S10	51	S6 AND S7
S11	100	S8 OR S9 OR S10
S12	78	RD (unique items)
S13	28	S12 NOT PY>1997
S14	26	S13 NOT PD>970710
S15	18	S1 AND S3
S16	7	RD (unique items)
S17	1	S16 NOT PY>1997
S18	1	S17 NOT PD>970710

File 108:AEROSPACE DATABASE 1962-2001/Jan  
(c) 2001 AIAA

File 8: Ei Compendex(R) 1970-2001/Feb W2  
(c) 2001 Engineering Info. Inc.

File 77:Conference Papers Index 1973-2001/Mar  
(c) 2001 Cambridge Sci Abs

File 238:Abs. in New Tech & Eng. 1981-2001/Feb  
(c) 2001 Reed-Elsevier (UK) Ltd.

File 35:Dissertation Abstracts Online 1861-2000/Dec  
(c) 2000 UMI

File 202:Information Science Abs. 1966-2000/ISSUE 09  
(c) Information Today, Inc

File 65:Inside Conferences 1993-2001/Feb W4  
(c) 2001 BLDSC all rts. reserv.

File 2:INSPEC 1969-2001/Mar W1  
(c) 2001 Institution of Electrical Engineers

File 14:Mechanical Engineering Abs 1973-2001/Mar  
(c) 2001 Cambridge Sci Abs

File 94:JICST-EPlus 1985-2001/Feb W3  
(c) 2001 Japan Science and Tech Corp(JST)

File 438:Library Literature 1984-2001/Jan  
(c) 2001 The HW Wilson Co

File 61:LISA(LIBRARY&INFOSCI) 1969-2001/Feb  
(c) 2001 Reed Reference Publishing

File 111:TGG Natl.Newspaper Index(SM) 1979-2001/Mar 01  
(c) 2001 The Gale Group

File 233:Internet & Personal Comp. Abs. 1981-2001/Mar  
(c) 2001 Info. Today Inc.

File 6:NTIS 1964-2001/Mar W3  
Comp&distr 2000 NTIS, Intl Cpyrght All Right

File 144:Pascal 1973-2001/Mar W1  
(c) 2001 INIST/CNRS

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info

File 62:SPIN(R) 1975-2001/Dec W4  
(c) 2001 American Institute of Physics

File 99:Wilson Appl. Sci & Tech Abs 1983-2001/Jan  
(c) 2001 The HW Wilson Co.

17/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

5949288 INSPEC Abstract Number: C9808-7210-011

**Title: Inquirus, the NECI meta search engine**

Author(s): Lawrence, S. ; Giles, C.L.

Author Affiliation: NEC Res. Inst., Princeton, NJ, USA

Journal: Computer Networks and ISDN Systems Conference Title: Comput. Netw. ISDN Syst. (Netherlands) vol.30, no.1-7 p.95-105

Publisher: Elsevier,

Publication Date: April 1998 Country of Publication: Netherlands

CODEN: CNISE9 ISSN: 0169-7552

SICI: 0169-7552(199804)30:1/7L.95:INMS;1-X

Material Identity Number: I876-98002

U.S. Copyright Clearance Center Code: 0169-7552/98/\$19.00

Conference Title: 7th International World Wide Web Conference

Conference Date: 14-18 April 1998 Conference Location: Brisbane, Qld., Australia

Document Number: S0169-7552(98)00095-6

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Applications (A); Practical (P)

Abstract: **World -Wide Web (WWW)** search engines (e.g., AltaVista, Infoseek, HotBot, etc.) have a number of deficiencies including periods of downtime, low coverage of the **WWW**, inconsistent and inefficient user interfaces, out of date databases, poor relevancy ranking and precision, and difficulties with spamming techniques. **Meta search** engines have been introduced which address some of these and other difficulties in searching the **WWW**. However, current **meta search** engines retain some of these difficulties and may also introduce their own problems (e.g., reduced relevance because one or more of the search engines returns results with poor-relevance). We present Inquirus, the NECI **meta search engine**, which addresses **many** of the deficiencies in current techniques. Rather than working with the list of documents and summaries returned by search engines, as current **meta search** engines typically do, the Inquirus **meta search** engine works by downloading and analysing the individual documents. The Inquirus **meta search** engine makes improvements over existing search engines in a number of areas, e.g., more useful document summaries incorporating query term context, identification of both pages which no longer exist and pages which no longer contain the query terms, advanced detection of duplicate pages, improved document ranking using proximity information, dramatically improved precision for certain queries by using specific expressive forms, and quick jump links and highlighting when viewing the full documents. (7 Refs)

Subfile: C

Descriptors: document handling; **Internet** ; **online** front-ends; query processing

Identifiers: Inquirus; NECI; **meta search** engine; **World -Wide Web** ; **WWW** ; document downloading; document analysis; document summaries; query term context; page identification; duplicate page detection; document ranking; proximity information; query precision; specific expressive forms; quick jump links; highlighting

Class Codes: C7210 (Information services and centres); C7250N (Front end systems for online searching); C6130D (Document processing techniques)

Copyright 1998, IEE

?ds

Set	Items	Description
S1	2793	AU=(LAWRENCE, S? OR LAWRENCE S? OR GILES C? OR GILES, C?)
S2	53406	(QUER? OR SEARCH?)(2N)(ENGINE? OR SERVICE? OR SITE? OR SYSTEM? OR AGENT?)
S3	424	(MEGA OR META)()SEARCH? OR METASEARCH? OR MEGASEARCH?
S4	1349	S2(3N)(MULTIPL? OR SEVERAL? OR MANY OR PLURAL? OR TWO OR ADDITIONAL?)
S5	769598	SIMULTANEOUS? OR COOCCUR? OR SAME()TIME? OR SEQUENTIAL? OR SAME()(SEARCH? OR QUER? OR REQUEST?)
S6	95	S4 AND S5

```

S7      693   S4 AND (WWW OR INTERNET? OR INTRANET? OR ONLINE? OR ON()LI-
          NE? OR WORLD()WIDE()WEB? OR WAN)
S8      29    DOGPILE AND (WWW OR INTERNET? OR INTRANET? OR ONLINE OR ON-
          L()LINE OR WORLD()WIDE()WEB OR WAN)
S9      43    S3 AND S5
S10     51    S6 AND S7
S11     100   S8 OR S9 OR S10
S12     78    RD (unique items)
S13     28    S12 NOT PY>1997
S14     26    S13 NOT PD>970710
S15     18    S1 AND S3
S16     2     S7 AND S15
S17     1     RD (unique items)
?delete s17;delete s16;
Set 17 has been deleted
Set 16 has been deleted
?rd
...completed examining records
      S16      7 RD (unique items)
?s s16 not py>1197

```

### Status: Break Sent.

### Status: Break Sent.

```

?s s16 not py>1997
>>>One or more prefixes are unsupported
>>> or undefined in one or more files.
      7 S16
      7233739 PY>1997
      S17      1 S16 NOT PY>1997
?s s17 not pd>970710
>>>One or more prefixes are unsupported
>>> or undefined in one or more files.
Processed 10 of 19 files ...
Processing
Completed processing all files
      1 S17
      5951970 PD>970710
      S18      1 S17 NOT PD>970710
?t 18/5/111
>>>'1LL' not recognized as item list
?t 18/5/all

```

18/5/1 (Item 1 from file: 61)  
 DIALOG(R)File 61:LISA(LIBRARY&INFOSCI)  
 (c) 2001 Reed Reference Publishing. All rts. reserv.

01012073 6707  
 Current Research in Library and Information Science (CRLIS)  
**User evaluation study of the INQUIRUS Web meta search tool.**  
 AUTHOR(S): Spink, A.; Lawrence, S. ; Giles, C. L. ; North Texas  
 University  
 RECORD TYPE: Abstract  
 LANGUAGES: English  
 COUNTRY OF RESEARCH: USA  
 FINANCIAL SUPPORT: University of North Texas, School of Library and  
 Information Sciences Faculty Grant - \$3 000.  
 PROJECT DURATION: March 1999 - June 1999.

ABSTRACT: The study is a user evaluation of NEC's Web meta search tool  
 INQUIRUS.

DESCRIPTORS: Online information retrieval; World Wide Web; Search engines;  
 Metadata; Use; Evaluation; INQUIRUS  
 ?edit tdengine  
 Editor entered

Name: TDENGINE  
Total lines: 9  
Line increment: 10  
Last line: 90  
>>>ALIAS is set OFF while in EDIT

EDIT:

?list

- 10. SET HI
- 20. S AU=(LAWRENCE, S? OR LAWRENCE S? OR GILES C? OR GILES, C?)
- 30. S (QUER? OR SEARCH?)(2N)(ENGINE? OR SERVICE? OR SITE? OR SYSTEM? OR AGENT?)
- 40. S (MEGA OR META)()SEARCH? OR METASEARCH? OR MEGASEARCH?
- 50. S S2(3N)(MULTIPL? OR SEVERAL? OR MANY OR PLURAL? OR TWO OR ADDITIONAL?)
- 60. S SIMULTANEOUS? OR COOCCUR? OR SAME()TIME? OR SEQUENTIAL? OR SAME()(SEARCH? OR QUER? OR REQUEST?)
- 70. S S4 AND S5
- 80. S S4 AND (WWW OR INTERNET? OR INTRANET? OR ONLINE? OR ON()LINE? OR WORLD()WIDE()WEB? OR WAN)
- 90. S S4 AND IC=G06F?

EDIT:

?change 30/agent?/agent? or tool? ?

- 30. S (QUER? OR SEARCH?)(2N)(ENGINE? OR SERVICE? OR SITE? OR SYSTEM? OR AGENT? OR TOOL? ?)

EDIT:

?save

-->Replace "TDENGINE"? ( Y = Yes N = No )

?y

Temp Search-save "TDENGINE" stored

Exit from editor

?ds

Set	Items	Description
S1	2793	AU=(LAWRENCE, S? OR LAWRENCE S? OR GILES C? OR GILES, C?)
S2	53406	(QUER? OR SEARCH?)(2N)(ENGINE? OR SERVICE? OR SITE? OR SYSTEM? OR AGENT?)
S3	424	(MEGA OR META)()SEARCH? OR METASEARCH? OR MEGASEARCH?
S4	1349	S2(3N)(MULTIPL? OR SEVERAL? OR MANY OR PLURAL? OR TWO OR ADDITIONAL?)
S5	769598	SIMULTANEOUS? OR COOCCUR? OR SAME()TIME? OR SEQUENTIAL? OR SAME()(SEARCH? OR QUER? OR REQUEST?)
S6	95	S4 AND S5
S7	693	S4 AND (WWW OR INTERNET? OR INTRANET? OR ONLINE? OR ON()LINE? OR WORLD()WIDE()WEB? OR WAN)
S8	29	DOGPILE AND (WWW OR INTERNET? OR INTRANET? OR ONLINE OR ON()LINE OR WORLD()WIDE()WEB OR WAN)
S9	43	S3 AND S5
S10	51	S6 AND S7
S11	100	S8 OR S9 OR S10
S12	78	RD (unique items)
S13	28	S12 NOT PY>1997
S14	26	S13 NOT PD>970710
S15	18	S1 AND S3
S16	7	RD (unique items)
S17	1	S16 NOT PY>1997
S18	1	S17 NOT PD>970710

?t 14/5/all

14/5/1 (Item 1 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
(c) 2001 Engineering Info. Inc. All rts. reserv.

04694410 E.I. No: EIP97053647335

**Title: Client-oriented distribution architecture for Web search agents**  
Author: Seung, Hyunsuk; Bae, Doo-Hwan  
Corporate Source: Samsung Electronics Co, Ltd, Suwon, South Korea  
Conference Title: Proceedings of the 1997 3rd International Symposium on Autonomous Decentralized Systems, ISADS'97

Conference Location: Berlin, Ger Conference Date: 19970409-19970411  
Sponsor: IEEE  
E.I. Conference No.: 46362  
Source: Proceedings of the International Symposium on Autonomous  
Decentralized Systems 1997. IEEE, Piscataway, NJ, USA. p 299-308  
Publication Year: 1997  
CODEN: 85SAAJ  
Language: English  
Document Type: CA; (Conference Article) Treatment: G; (General Review)  
Journal Announcement: 9707W1

Abstract: Among the agents deployed on the Web, **search agents** which can **query multiple search engines simultaneously** are gaining popularity among end-users. As the number of users and **search engines** increase, however, establishing **multiple** connections to remote **search engines** has the potential to saturate the network and increase the load on the server running the search agent. To resolve these issues, we propose a client-oriented distribution architecture for Web search agents. Our architecture allows having multiply replicated agents distributed throughout the network initiate the queries while localizing the network traffic to the client's machine. Special attention has been made on the design and implementation of a search agent based on our proposed architecture that limits its use of network resources and prevents skewing the logs on the remote sites. We also present the evaluation results of our Web search agent. (Author abstract) 14 Refs.

Descriptors: Distributed computer systems; Information retrieval systems; Wide area networks; **Online** searching; **Online** systems; Telecommunication traffic

Identifiers: Web search agents

Classification Codes:

722.4 (Digital Computers & Systems); 903.3 (Information Retrieval & Use); 722.3 (Data Communication, Equipment & Techniques)

722 (Computer Hardware); 903 (Information Science); 717 (Electro-Optical Communications); 718 (Telephone & Line Communications)

72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING); 71 (ELECTRONICS & COMMUNICATIONS)

14/5/2 (Item 2 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

(c) 2001 Engineering Info. Inc. All rts. reserv.

01273943 E.I. Monthly No: EIM8301-007113

**Title: CAS ONLINE COMPUTER ARCHITECTURE FOR SUBSTRUCTURE SEARCHING.**

Author: Zeidner, C. R.; Amoss, J. O.; Haines, R. C.

Corporate Source: Chem Abstr Serv, USA

Conference Title: National Online Meeting, Proceedings - 1982.

Conference Location: New York, NY, USA Conference Date: 19820331

Sponsor: Online Rev, Medford, NJ, USA

E.I. Conference No.: 01050

Source: Proceedings - National Online Meeting 1982. Publ by Learned Inf, Inc, Medford, NJ, USA p 575-586

Publication Year: 1982

CODEN: PNOMDR ISBN: 0-938734-04-0

Language: English

Document Type: PA; (Conference Paper)

Journal Announcement: 8301

Descriptors: \*DATA BASE SYSTEMS

Identifiers: **CHEMICAL ABSTRACTS SERVICE ; SUBSTRUCTIVE SEARCHES ; ONLINE SYSTEM ; ARCHITECTURE; SEQUENTIAL SEARCH ; MULTIPLE FILE SEGMENTS**

Classification Codes:

723 (Computer Software)

72 (COMPUTERS & DATA PROCESSING)

14/5/3 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abstracts Online

(c) 2000 UMI. All rts. reserv.

01597080 ORDER NO: AAD98-01260

**SEVENTH-GRADE STUDENTS AND ELECTRONIC INFORMATION RETRIEVAL SYSTEMS: AN  
EXPLORATORY STUDY OF MENTAL MODEL FORMATION, COMPLETENESS AND CHANGE**

Author: SAXON, SCHARLOTTE ANN

Degree: PH.D.

Year: 1997

Corporate Source/Institution: THE FLORIDA STATE UNIVERSITY (0071)

Major Professor: ELISABETH LOGAN

Source: VOLUME 58/07-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2437. 394 PAGES

Descriptors: INFORMATION SCIENCE ; EDUCATION, CURRICULUM AND INSTRUCTION  
; EDUCATION, TECHNOLOGY

Descriptor Codes: 0723; 0727; 0710

The purpose of this study was to investigate mental model formation, completeness and change in a naturalistic learning environment in which a purposive sample of 51 seventh grade students interacted with three retrieval systems over a thirteen week term. Students produced a verbal and pictorial learning log entry following interaction with each system and most participated in a structured interview as a culminating activity.

The study found that the task (requirements and topic concerns), the system (database features, functions and animate notions), feedback (information structure and user choices), and the information seekers (prior knowledge and skills) were factors influencing model development. A mental model completeness scale assessed students' awareness of databases (contained information, were limited, organized, and contained multiple databases) and the search features of retrieval systems (**online** help, term matching, different search types, and restriction/broadening). Aggregates of individual ratings established a group profile showing that students had more extensive awareness of the database than the system's features. The completeness scale assessed subjects' understanding of desired system-user interactivity level: the GenieFind notion (user asks:system gets); stimulus/response reactions (user/system respond to each other); negotiated dialog (user controls). All students evidenced the GenieFind notion, but 76% also evinced the negotiated dialog concept at some time.

The presence of change in the model state was suggested by the retention of naive concepts **simultaneously** while holding a more appropriate **search** or **system** notion.

**Two** substantive grounded theories are proposed. The first asserts that the combined developmental factors of the task, system, and system outcomes constitute a learning laboratory in which almost all of these naive users' understanding of searching and systems is encountered, both promoting and constraining model building. The second theory is that the interactivity level is a better construct for a mental model than the rest of the completeness scale, as it accounts for the dynamic quality inherent in user-system interaction.

14/5/4 (Item 1 from file: 202)

DIALOG(R)File 202:Information Science Abs.

(c) Information Today, Inc. All rts. reserv.

00220877 9800877

ISA Document Number in Printed Publication: 9801140

Mega- searching **from the desktop**.

Document Type: Journal Article

Author (Affiliation): Notess, G.R. (Montana State Univ, Bozeman, MT)

Country of Affiliation: United States

Journal: Online

Publication Language(s): English

Source: Vol. 21 Issue 3 p. 89-91 May-Jun 1997

The author has previously evaluated some of the **mega -search** engines available on the **World Wide Web** that can **simultaneously** search **multiple Internet search engines**. The intent is to save time by sending the **same search** request to all selected search engines at the **same time** and then compiling the results. However,

there is a whole other approach to searching more than the Internet index at once. A growing number of vendors are offering software that not only queries multiple search engines simultaneously, but also allow the user to sort results, remove duplicates, and verify the availability of the links. These programs run from a user PC equipped with Windows 95 or Windows NT software. The features of four mega-searchers are profiled, including Internet Fast Find, by Symantec; EchoSearch, by Iconovex; WebCompass, by Quarterdeck; and WebSeeker, by the ForeFront Group.

Descriptors: SEARCH ENGINES; WORLD WIDE WEB ; COMPUTER PROGRAMS; INTERNET ; ONLINE RETRIEVAL ; SEARCHING; SOFTWARE

Subject Class Header (Number): Information Processing and Control, Searching and Retrieval (05.11)

14/5/5 (Item 2 from file: 202)

DIALOG(R) File 202: Information Science Abs.

(c) Information Today, Inc. All rts. reserv.

00220538 9800538

ISA Document Number in Printed Publication: 9800383

**Sophisticated searches of the World Wide Web. Distributed search systems**

Document Type: Journal Article

Author (Affiliation): Feldman, S.E.

Journal: Searcher

Publication Language(s): English

Source: Vol. 3 Issue 4 p. 50-54 Apr 1995

Internet resources generally lack structure and organization, and the quality of their contents is marked by wide variations. Distributed search systems are proposed as a solution to these problems. These systems are capable of searching many databases at once. They record all locations to search, and sometimes a general description of contents, on a central search server. They perform searches simultaneously, in parallel, on each Web site, and merge results at the central search server. Two distributed search systems are reviewed, including PLWebServer by Personal Library Software Company, and Dienst, which was developed by the consortium of MIT, Carnegie Mellon, Berkeley, Stanford, and Cornell universities.

Descriptors: WORLD WIDE WEB ; DISTRIBUTED SYSTEMS; INTERNET ; SEARCH SYSTEMS

Subject Class Header (Number): Information Processing and Control, Searching and Retrieval (05.11)

14/5/6 (Item 3 from file: 202)

DIALOG(R) File 202: Information Science Abs.

(c) Information Today, Inc. All rts. reserv.

00210115 9700115

ISA Document Number in Printed Publication: 9700418

**Internet "Onesearch" with the megasearch engines.**

Document Type: Journal Article

Author (Affiliation): Notess, G.R. (Montana State Univ., Bozeman, MT)

Country of Affiliation: United States

Journal: Online

Publication Language(s): English

Source: Vol. 20 Issue 6 p. 36-39 Nov-Dec 1996

The introduction of DIALOG's OneSearch was hailed in the online community as a major step forward in online searching. The ability to search multiple databases simultaneously greatly simplifies the search process and saves both time and money. Meta search services on the Internet, on the other hand, such as MetaCrawler and SavvySearch, provide a search interface for submitting queries of databases gathered by other Internet search engines, such as Alta Vista, HotBot, and Infoseek. The article details the search capabilities of MetaCrawler and SavvySearch. The author concludes that online information professionals cannot depend on these mega search

engines in the same manner as they can depend on DIALOG's OneSearch.  
Descriptors: SEARCH ENGINES; DATABASES; DIALOG; INFORMATION RETRIEVAL;  
SEARCH SYSTEMS  
Subject Class Header (Number): Information Processing and Control, Searching  
and Retrieval (05.11)

14/5/7 (Item 1 from file: 2)  
DIALOG(R) File 2: INSPEC  
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

5611298 INSPEC Abstract Number: C9708-6130M-004

**Title: Processing live data [in Perl]**

Author(s): Schwartz, R.L.

Journal: WEB Techniques vol.2, no.7 p.24, 26-7

Publisher: Miller Freeman,

Publication Date: July 1997 Country of Publication: USA

CODEN: WETEFA ISSN: 1086-556X

SICI: 1086-556X(199707)2:7L:24:PLDP;1-N

Material Identity Number: F184-97006

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The CGI.pm module provides easy access to client (browser) information interaction, while the LWP library allows programs to connect to servers as Web clients, but some applications (or "agents") can utilize both libraries at once, to provide a different view of live data presented by another server. An application could, for example, perform a user-input based search on **several** Web search engines and combine the result into a summary page, or query all the **online** catalog stores to find the best price for a particular item. I have built a CGI program that creates a single Web page showing all the GIFs from a set of Web pages at once, and at the **same time** showcasing an interesting use of both the CGI and LWP libraries. This CGI script fetches live information off the Web, processes it and feeds it back. The possibilities for such scripts are endless. (0 Refs)

Subfile: C

Descriptors: authoring languages; client-server systems; complete computer programs; hypermedia; **Internet**; software agents; software libraries

Identifiers: Perl program; live data processing; CGI.pm module; client information interaction; Web browser; LWP library; agents; CGI script; **World Wide Web** pages; GIF images; hyperlink scanning

Class Codes: C6130M (Multimedia); C6150N (Distributed systems software); C7210 (Information services and centres); C6115 (Programming support)

Copyright 1997, IEE

14/5/8 (Item 2 from file: 2)  
DIALOG(R) File 2: INSPEC  
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

5566510 INSPEC Abstract Number: B9706-6210L-074, C9706-7250-008

**Title: A client-oriented distribution architecture for Web search agents**

Author(s): Hyunsuk Seung; Doo-Hwan Bae

Author Affiliation: Multimedia Lab., Samsung Electron. Co. Ltd., Suwon, South Korea

Conference Title: Proceedings - ISADS 97 - Third International Symposium on Autonomous Decentralized Systems (Cat. No. 97TB100111) p.299-308

Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA

Publication Date: 1997 Country of Publication: USA xiv+422 pp.

ISBN: 0 8186 7783 X Material Identity Number: XX97-00711

U.S. Copyright Clearance Center Code: 0 8186 7783 X/97/\$10.00

Conference Title: Proceedings of the Third International Symposium on Autonomous Decentralized Systems. ISADS 97

Conference Sponsor: IEEE Comput. Soc.; Inf. Process. Soc. Japan; Soc. Instrum. & Control Eng. Japan; IFIP; IFAC; Gesellschaft fuer Inf.; Hitachi; DeTeBerkom; NEC; Digital GMD FOKUS; Hewlett Packard; IBM

Conference Date: 9-11 April 1997 Conference Location: Berlin, Germany

Language: English Document Type: Conference Paper (PA)  
Treatment: Applications (A); Practical (P)  
Abstract: Among the agents deployed on the Web, **search agents** which can **query multiple search engines simultaneously** are gaining popularity among end-users. As the number of users and **search engines** increase, however, establishing **multiple** connections to remote **search engines** has the potential to saturate the network and increase the load on the server running the search agent. To resolve these issues, we propose a client-oriented distribution architecture for Web search agents. Our architecture allows having multiply replicated agents distributed throughout the network initiate the queries while localizing the network traffic to the client's machine. Special attention has been made on the design and implementation of a search agent based on our proposed architecture that limits its use of network resources and prevents skewing the logs on the remote sites. We also present the evaluation results of our Web search agent. (14 Refs)  
Subfile: B C  
Descriptors: client-server systems; information retrieval; **Internet** ; software agents  
Identifiers: client-oriented distribution architecture; Web search agents ; **multiple search engines** ; skewing  
Class Codes: B6210L (Computer communications); C7250 (Information storage and retrieval); C5620W (Other computer networks); C7210 (Information services and centres); C6150N (Distributed systems software)  
Copyright 1997, IEE

14/5/9 (Item 1 from file: 61)  
DIALOG(R) File 61:LISA(LIBRARY&INFOSCI)  
(c) 2001 Reed Reference Publishing. All rts. reserv.

02177507 9709489  
Library and Information Science Abstracts (LISA)  
**Meta Web woelers. Meta search programs.**  
AUTHOR(S): Laan, H. v. d.  
JOURNAL: Informatie Professional  
SOURCE: 1 (1) 1997, p.28-9. il.  
PUBLICATION DATE: 1997 -- 19970000  
ISSN: 1385-5328  
RECORD TYPE: Abstract  
LANGUAGES: Dutch

ABSTRACT: New methods of accessing the World Wide Web are being introduced with ever-increasing frequency. To assist users a new generation of search systems, **meta search** programs, are being developed, which enable users to access a range of search engines using more sophisticated search strategies. The systems are capable of compiling search profiles automatically from a limited set of terms, and of searching multiple sources **simultaneously** . Initial results with the programs are encouraging. PW.

DESCRIPTORS: Online information retrieval; Internet; World Wide Web; Searching; Search engines; **Meta search** programs

14/5/10 (Item 2 from file: 61)  
DIALOG(R) File 61:LISA(LIBRARY&INFOSCI)  
(c) 2001 Reed Reference Publishing. All rts. reserv.

02173950 9705932  
Library and Information Science Abstracts (LISA)  
**Karlsruher Virtueller Katalog (KVK). Neue Dienstleistung im World Wide Web. Karlsruhe Virtual Catalogue (KVK). New services in the World Wide Web.**  
AUTHOR(S): Dierolf, U.; Monnich, M.  
JOURNAL: Bibliotheksdienst  
SOURCE: 30 (8/9) 1996, p.1395-1401. il.tables.  
PUBLICATION DATE: 1996 -- 19960000

ISSN: 0006-1972  
BLDSC SHELF MARK: 2020.198000  
RECORD TYPE: Abstract  
LANGUAGES: German

ABSTRACT: For 10 years large German libraries carried out cataloguing through cooperatives' data pools. For comprehensive book retrieval all these catalogues must be searched. Since this involves **several** different EDP **systems**, **searches** via the **World Wide Web** are often difficult. The Karlsruhe Virtual Catalogue (KVK) aims to search all these catalogues **simultaneously** and obtain a unified result through access via Karlsruhe University Library's home page. This gives access to data stocks of 20 million titles. PL.

DESCRIPTORS: **Online catalogues; World Wide Web ; Searching;**  
University libraries; Germany; Karlsruhe University

14/5/11 (Item 3 from file: 61)  
DIALOG(R)File 61:LISA(LIBRARY&INFOSCI)  
(c) 2001 Reed Reference Publishing. All rts. reserv.

02169757 9701739  
Library and Information Science Abstracts (LISA)  
**Dilemmas abound with Internet ads.**  
AUTHOR(S): Kennedy, S. D.  
JOURNAL: Information Today  
SOURCE: 13 (11) Dec 96, p.47, 50.  
PUBLICATION DATE: Dec 96 -- 19961200  
ISSN: 8755-6286  
BLDSC SHELF MARK: 4496.373700  
RECORD TYPE: Abstract  
LANGUAGES: English

ABSTRACT: Examines how the 71.7 million dollars in advertising revenue from 600 Web sites has been gained. Two 3rds of this went to only 10 sites, the top 5 of which were Netscape, infoSeek, Yahoo!, Lycos and Excite. Offers 5 tips for effective banner advertising on Web pages. Multithreaded parallel search sites such as MetaCrawler and SavvySearch which enable a user to run **several search engines simultaneously**, pose a threat to advertising. Cyber 411, a newer tool, queries 15 different search engines. Another category, software for **querying multiple search engines** such as WebCompass, will build a keyword searchable index with the summary of results which is output as an HTML file. Compares this with similar products including a Netscape product. InfoSeek and Excite offer mini-applications to place a labelled button on the browser's tool-bar to go straight to their respective search engine. VistaPass from AltaVista will run minimized on a task bar. GLC.

DESCRIPTORS: Information industry; Advertising; Income; Web sites

14/5/12 (Item 4 from file: 61)  
DIALOG(R)File 61:LISA(LIBRARY&INFOSCI)  
(c) 2001 Reed Reference Publishing. All rts. reserv.

02039385 8405548  
Library and Information Science Abstracts (LISA)  
**MAPRN and PRINT SELECT: some comparisons.**  
AUTHOR(S): Kaback, Stuart M.  
JOURNAL: Database  
SOURCE: 6 (4) Dec 83, 45-47. tables  
PUBLICATION DATE: Dec 83 -- 19831200  
ISSN: 0162-4105  
BLDSC SHELF MARK: 3535.802200  
RECORD TYPE: Abstract  
LANGUAGES: English

ABSTRACT: Compares automatic cross file features such as Dialog's MAPRN and SDC's PRINT SELECT for collection of 2 sets of CAS Registry Numbers (RN) at 2 different times. Noted that SDC appears to retrieve all of the terms in an OR string **simultaneously** whereas Dialog fetches them **sequentially**. Dialog yielded a more complete search, but SDC was faster for non-complete searches. MAPRN is restricted to CAS RN's and the analogous compound numbers in the IFI/Plenum Comp Compound Registry File, file 242, where PRINT SELECT can be used with a wide variety of data elements.

DESCRIPTORS: **Multiple** database searches ; Technical services ; Information storage and retrieval; Information work; Subject indexing; **Online** information retrieval; Computerised information retrieval; Searching; Computerized information storage and retrieval; DIALOG; ORBIT

14/5/13 (Item 5 from file: 61)  
DIALOG(R) File 61:LISA(LIBRARY&INFOSCI)  
(c) 2001 Reed Reference Publishing. All rts. reserv.

02009554 9001075  
Library and Information Science Abstracts (LISA)  
**Integrated information databases--one-stop chemical research for the information specialist.**  
AUTHOR(S): Hearty, John A.  
JOURNAL: World Patent Information  
SOURCE: 10 (3) 1988, 199-203. 21 refs  
PUBLICATION DATE: 1988 -- 19880000  
ISSN: 0172-2190  
BLDSC SHELF MARK: 9356.973000  
RECORD TYPE: Abstract  
LANGUAGES: English

ABSTRACT: With the burgeoning number of **on -line** files provided by an increasing number of vendors, information specialists will need more sophisticated capabilities to retrieve **on -line** information. Integrated data bases provide a means for **on -line** information holistically. 3 **on -line** developments by vendors will improve information retrieval: **simultaneous** multi-file searches; crossover between separate files; tagged retrievals that correlate to like records in other files. Simplicity in software design tends to engender systems, such as menu-driven software, while flexibility for searching encourages complexity in software design. Vendors will need to balance these elements in integrating data bases. Combined full-text, bibliographic, and numeric files; dictionary and thesaurus files for term and strategy generation; and artificial intelligence interfaces will be part of the new systems that facilitate searching in the future. Original abstract--amended.

DESCRIPTORS: Technical services; Information storage and retrieval; Information work; Subject indexing; **Online** information retrieval; Computerised information retrieval; Searching; Computerized information storage and retrieval; Databases; Information services; Computerized information services; Magnetic tape; **Multiple** database searches ; Integrated **systems**

14/5/14 (Item 6 from file: 61)  
DIALOG(R) File 61:LISA(LIBRARY&INFOSCI)  
(c) 2001 Reed Reference Publishing. All rts. reserv.

01005537 6200  
Current Research in Library and Information Science (CRLIS)  
**Metasearch of the WWW-catalogues of public libraries.**  
AUTHOR(S): Taskinen, H.; Finnish National Central Library  
RECORD TYPE: Abstract  
COUNTRY OF RESEARCH: FINLAND  
PROJECT DURATION: 1997 -.

ABSTRACT: The main purpose of the **metasearch** project is to develop: 1. a **metasearch** of the WWW-catalogues of the 19 regional central libraries and the Helsinki City Library. This is primarily directed to the needs of inter-library lending service. 2. a **metasearch** of the WWW-catalogues in the geographical area covered by a regional central library. 3. a **simultaneous** retrieval from PULSE Virtual Library and other Internet search facilities and some WWW-catalogues. The aim is to create a single gateway for Internet information retrieval irrespective of where the resources are located. The search tool can be adapted to local needs, e.g. public library catalogues within a certain geographic area + Internet search. At the **same time** the search tool also has to accommodate common needs, such as **simultaneous** search on all library catalogues.

DESCRIPTORS: Online catalogues; World Wide Web; Searching; Cooperation; Regional libraries; Finland; **Meta searching** ; PULSE

14/5/15 (Item 1 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2001 Info. Today Inc. All rts. reserv.

00462084 97PI06-025

**Two Web bloodhounds -- From Web pages to phone numbers, NetFerret Suite and WebCompass can find them fast.**

Olsen, J W

PC Magazine , June 10, 1997 , v16 n11 p62-63, 2 Page(s)

ISSN: 0888-8507

Company Name: FerretSoft; Quarterdeck

Product Name: NetFerret Suite; WebCompass

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B; B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows 95; Microsoft Windows NT

Geographic Location: United States

Presents favorable reviews of two **Internet** search utilities. NetFerret Suite (\$29.95) from FerretSoft LLC of Pickerington, OH (614) requires 8MB RAM, 7MB hard disk space, Windows 95 or NT 4.0, and an **Internet** connection with a 32-bit TCP/IP stack. Explains that it includes five ferrets that can search for URLs that match specified criteria, **online** telephone white pages, **online** e-mail databases, files on the Net, and **Internet** Relay Chat servers and newsgroups. WebCompass 2.0 (\$50) from Quarterdeck Corp. of Marina del Rey, CA (800, 813) requires 8MB RAM, 5MB hard disk space, and Windows 95 or NT 3.51 or later. Reports that it explores Web search engines to find URLs that match set criteria, supports 35 **search engines** , and can **query multiple search engines simultaneously** . Notes that it excludes redundant URLs and dead links as it creates a summary for each match and ranks its relevancy to search criteria. Includes two screen displays (djd)

Descriptors: **Online** Searching; Utility Program; **Internet** ;

Software Review; Window Software; Information Sources; Search Engines

Identifiers: NetFerret Suite; WebCompass; FerretSoft; Quarterdeck

14/5/16 (Item 2 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2001 Info. Today Inc. All rts. reserv.

00447401 97CB01-006

**What flavor is your Internet search engine? -- 'I'm not talking about using search engines more effectively - I'm talking about rethinking how we look at them'**

Brandt, D Scott

Computers in Libraries , January 1, 1997 , v17 n1 p47-50, 4 Page(s)

ISSN: 1041-7915

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

TECHMAN'S TECHPAGE column defines and discusses **Internet** -based, non-proprietary search engines, designed to assist users in the retrieval of information from the **Internet** . Points out that there are a variety of different types of search engines, and that it is important that users know how to use them productively. Overviews the different types of search engines, how their information is compiled, and how they work. Also mentions **meta** -search engines, which provide users with the ability to **search multiple search engines simultaneously** with a single query. Includes one photo, one table, one diagram, and one list of references. (kgh)

Descriptors: Search Engines; **World Wide Web** ; Directories; Web Sites; Research; Information Retrieval; **Online** Searching

14/5/17 (Item 3 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2001 Info. Today Inc. All rts. reserv.

00444481 96PI12-029

**WebSeek and ye shall find -- If it's out there, WebSeeker 2.0 will help you find it by querying numerous search engines**

Haskin, David

PC Magazine , December 3, 1996 , v15 n21 p66, 1 Page(s)

ISSN: 0888-8507

Company Name: ForeFront

Product Name: WebSeeker

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows

Geographic Location: United States

Presents a favorable review of WebSeeker 2.0 (\$49.95), a Web utility program from ForeFront, Houston, TX (800, 613). The program requires 8MB RAM, 10B hard disk space, and Windows 95. It is a 32-bit program which can **query multiple search engines** (as many as 23 **simultaneously** ) and produce useful reports. It can automatically eliminate duplicate site listings and when searches are repeated it identifies addresses located earlier which are no longer valid. The program can download and index the text portions of matching pages. This index can then be searched for a second term or phrase to fine-tune the results. One problem with the program is that an entire search must be rerun even if the user only wants to verify whether site addresses are still valid. This can take a long time, particularly across multiple engines but it has a built-in scheduler which can perform searches at off-peak hours. Includes one screen display. (djd)

Descriptors: Utility Program; Software Review; Window Software; **World Wide Web**

Identifiers: WebSeeker; ForeFront

14/5/18 (Item 4 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2001 Info. Today Inc. All rts. reserv.

00441433 96WN11-029

**Rake in a world of information -- EchoSerach 1.01**

Morgan, Cynthia

Windows Magazine , November 1, 1996 , v7 n11 p172, 1 Page(s)

ISSN: 060-1066

Company Name: Iconovex

Product Name: EchoSearch 1.01

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): A

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows 95; Microsoft Windows NT

Geographic Location: United States

Presents a very favorable review of EchoSearch 1.01 (\$49), a searching tool from Iconovex (800, 612). Runs on IBM PC compatibles with 8MB RAM, 15MB hard disk space and Windows 95 or NT. Explains that EchoSearch routes queries to **multiple search engines** on the Web or Usenet, analyzes its finds, and builds a topic-specific HTML document. Adds that EchoSearch hotlinks keywords and relevant headings, which can jump within the document or directly to the Web page. Reports that EchoSearch hits all supported search engines **simultaneously** and that the program pulled in 100 documents from six engines in about four minutes. However, complains that EchoSearch's advanced search features are limited. Rates EchoSearch four and one-half windows out of five and awards it the WINDOWS Magazine Recommended seal. Includes a product summary. (jo)

Descriptors: **Online** Searching; Information Retrieval; Window Software; Software Review; Web Tools

Identifiers: EchoSearch 1.01; Iconovex

14/5/19 (Item 5 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2001 Info. Today Inc. All rts. reserv.

00439066 96WW10-107

**New threat to business model of firms like Lycos and Excite**

Andrews, Whit

WebWeek , October 21, 1996 , v2 n16 p21, 27, 2 Page(s)

ISSN: 1081-3071

Languages: English

Document Type: Feature Articles and News

Geographic Location: United States

Focuses on the impact that the new **metasearcher** products will have on the traditional search engines. Indicates that there are several **metasearcher** products entering the market which perform **simultaneous**, **multiple** searches of the **search engines** without ever displaying the search engines' sites. Emphasizes that this means they also ignore the engines' ads, and this is crucial where **page views mean money.** Claims that even at the current two-percent page view loss to **metasearchers**, the search engine companies could lose thousands of dollars a day. Reports that a policy is being put into place to protect the search engines from **metasearchers**, and points out that at least one of the new products is designed to include ads. Suggests that the key is to provide users with simplified methods of information gathering without breaking down the system. Includes two screen displays. (kgh)

Descriptors: Search Engines; **Internet** ; Competition; Information Retrieval; Advertising

14/5/20 (Item 6 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2001 Info. Today Inc. All rts. reserv.

00435915 96PK09-313

**WebCompass improves interface -- But Internet-based search package has few other enhancements**

Rapoza, Jim

PC WEEK , September 23, 1996 , v13 n38 pN6, 1 Page(s)

ISSN: 0740-1604

Company Name: Quarterdeck

Product Name: WebCompass

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible

Geographic Location: United States

Presents a favorable capsule beta review of WebCompass v2.0 (\$49), a **World Wide Web** and **intranet** searching tool from Quarterdeck Corp. of Marina del Rey, CA (800). This 32-bit Windows program runs on IBM PC compatibles. Explains that WebCompass lets you perform a search using

multiple search engines simultaneously, summarizes and ranks search results, and enables users to sort results by topic. Reports that this version of WebCompass uses an Explorer-like interface that makes it much easier to manage various search topics. Notes that it no longer requires a Web server in order to run. Features include a scheduling agent that can automatically update search results and the ability to search Gopher and FTP servers. Includes one screen display. (jo)

Descriptors: **Online** Searching; Window Software; Software Review;  
**Intranets**; Web Sites; 32-Bit Code; Web Browsers  
Identifiers: WebCompass; Quarterdeck

14/5/21 (Item 7 from file: 233)

DIALOG(R) File 233: Internet & Personal Comp. Abs.

(c) 2001 Info. Today Inc. All rts. reserv.

00432442 96PJ08-001

**WebSeeker -- Meta- searcher casts a wider net**

Doolittle, Sean

PC Today, August 1, 1996, v10 n8 p16, 1 Page(s)

ISSN: 1040-6484

Company Name: ForeFront Group, The

Product Name: WebSeeker

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows;  
Microsoft Windows 95; Macintosh

Geographic Location: United States

Presents a favorable review of WebSeeker (\$50), an **Internet** search tool for Windows 3.x, Windows 95, and Macintosh from The ForeFront Group Inc. (800, 713). Requires a minimum 3MB hard disk space and 4MB RAM, a Web browser, and an **Internet** connection. Calls this product a **'meta - searcher'**. Explains that it conducts searches on **multiple search engines simultaneously**. Features the ability to compensate for duplicate results, organize the final results, and file them according to subject. Notes that the program was quick and easy to install. Complains that there needs to be more search options available, such as query time limits and summaries of search results. Concludes that this is an easy-to-use and competent program for a reasonable price. Includes one screen display. (kgh)

Descriptors: **Online** Searching; Web Tools; Information Retrieval;  
Software Tools; Software Review; **Internet**

Identifiers: WebSeeker; ForeFront Group, The

14/5/22 (Item 8 from file: 233)

DIALOG(R) File 233: Internet & Personal Comp. Abs.

(c) 2001 Info. Today Inc. All rts. reserv.

00429293 96OA07-003

**Clipboard: your online information source -- One-stop searching**

Noack, David

Online Access, July 1, 1996, v11 n7 p18, 1 Page(s)

ISSN: 0898-2015

Languages: English

Document Type: Buyer and Vendor Guide

Geographic Location: United States

Presents a guide to five Web search sources available on the **World Wide Web**. Each site offers access to **multiple search engines** from a single page. Provides capsule reviews and addresses for: All-in-One Search Page, which includes over 35 directories and search engines; Meta Crawler, which allows a **simultaneous search of multiple sites**; **Searchers**, which features the most popular search engines; The Cosmix Mother Load, which searches sites, newsgroups, magazines, companies, and government information; and Search.Com, from C/Net, which guarantees to be the most comprehensive search by offering \$10,000 to anyone who finds a site that cannot be found through this search source. (kgh)

Descriptors: Web Site; Information Sources; Online Searching;  
World Wide Web ; Newsgroups; Magazines

14/5/23 (Item 9 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2001 Info. Today Inc. All rts. reserv.

00417218 96PJ03-015

**WebCompass -- Wait for the next version of this Web search tool**

Doolittle, Sean

PC Today , March 1, 1996 , v10 n3 p33, 1 Page(s)

ISSN: 1040-6484

Company Name: Quarterdeck

Product Name: WebCompass

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): D

Hardware/Software Compatibility: Microsoft Windows; Microsoft Windows  
95; Microsoft Windows NT

Geographic Location: United States

Presents an unfavorable review of WebCompass (\$99), a **World Wide Web** searching tool program from Quarterdeck Corp. (800, 310). Requires a 486-based PC; 8MB RAM; Microsoft Windows 3.1, 3.11, NT or 95; dial-up or LAN **Internet** connection; and Winsock 1.1 compliant network stack. Reports that the product works with several Web browsers and will **search several Websearch engines simultaneously**, it performs content analysis, and it allows the user to create libraries of data. Says the concept is excellent, and the company is reputable. However, complains that the program was unreasonably difficult to configure, the performance was unsatisfactory, and it was extremely difficult to contact technical support. Includes one screen display and a product summary. (bjp)

Descriptors: **Online Searching; World Wide Web ; Software Review ; Information Retrieval; Window Software; Internet**

Identifiers: WebCompass; Quarterdeck

14/5/24 (Item 10 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2001 Info. Today Inc. All rts. reserv.

00408068 96IT01-009

**Searching out and assessing Web sites -- Internet Insights**

Blake, Paul

Information Today , January 1, 1996 , v13 n1 p48, 1 Page(s)

ISSN: 8755-6286

Company Name: Open Text; Lycos; IBM Corp.

Product Name: Yahoo!; Lycos Spider; infoMarket Search

Languages: English

Document Type: Feature Articles and News

Geographic Location: United States

**INTERNET** INSIGHTS column says searching the **Internet** is becoming easier thanks to **several** enhancements to **search engines** such as Yahoo!, Lycos, and Open Text. Claims an impressive new entrant is the infoMarket Search service from IBM Corp. and Ontario-based Open Text Corp., which can search multiple databases **simultaneously** and retrieve data both from Web pages and from information providers such as Disclosure, Information Access Company, and Cambridge Scientific Abstracts. According to Open Text, its retrieval engine is unique because it can search millions of Web pages in under five seconds, and it uses automated ``crawlers'' to index the complete text of Web documents. Notes Open Text is also adding a search capability to Yahoo!, one of the Web's most comprehensive subject guides. Says the Lycos Spider, one of Open Text's rivals, has a fresh interface, along with support for HotJava and ``backlinks.'' (JEE)

Descriptors: **Internet ; Online Searching ; World Wide Web ; Database; Information Retrieval; Web Browsers**

Identifiers: Yahoo!; Lycos Spider; infoMarket Search; Open Text; Lycos; IBM Corp.

14/5/25 (Item 1 from file: 99)  
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
(c) 2001 The HW Wilson Co. All rts. reserv.

1633186 H.W. WILSON RECORD NUMBER: BAST98016163

**We're wading into the World Wide Web**

Culpepper, Steve;

Fine Homebuilding nol13 (Dec. '97/Jan. '98) p. 48+

DOCUMENT TYPE: Feature Article ISSN: 0273-1398 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: The writer reviews a number of **World Wide Web** sites that are of interest to builders, designers, architects, and home owners. Information relevant to builders, designers, architects, and home owners can be located by using one of the various search engines available on the **Internet**, such as Lycos, Yahoo!, or **Dogpile**. The sites reviewed are **www.taunton.com**, **www.weather.com**, **www.traditional-building.com**, and **www.portcement.org**.

DESCRIPTORS: Construction databases; Web sites;

14/5/26 (Item 2 from file: 99)  
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
(c) 2001 The HW Wilson Co. All rts. reserv.

1550067 H.W. WILSON RECORD NUMBER: BAST97046483

**Experiences with selecting search engines using metasearch**

Dreilinger, Daniel; Howe, Adele E

ACM Transactions on Information Systems v. 15 (July '97) p. 195-222

DOCUMENT TYPE: Feature Article ISSN: 1046-8188 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: SavvySearch, a **metasearch** engine designed to intelligently select and interface with **multiple remote search engines**, is evaluated. **Metasearch** engines can automatically and **simultaneously** query **several Internet search engines**, interpret the results, and display them in a uniform format. The experimental findings suggest that SavvySearch's incrementally acquired metaindex approach can be effective in making search engine selection decisions. Furthermore, the results indicate that the metaindex approach is good at predicting where not to send a particular query with relatively little word knowledge. Based on the 20,000 queries that SavvySearch handles every day and the experimental findings about the distribution of the queries, it is concluded that **metasearch** adds value to web searching.

DESCRIPTORS: **Online** searching; **Internet** software

18/5/1 (Item 1 from 18/5: 61)

DIALOG(R)File 61:LISA(LIBRARY&INFOSCI)

(c) 2001 Reed Reference Publishing. All rts. reserv.

01012073 6707

Current Research in Library and Information Science (CRLIS)

User evaluation study of the INQUIRUS Web meta search tool.

AUTHOR(S): Spink, A.; Lawrence, S. ; Giles, C. L. ; North Texas  
University

RECORD TYPE: Abstract

LANGUAGES: English

COUNTRY OF RESEARCH: USA

FINANCIAL SUPPORT: University of North Texas, School of Library and  
Information Sciences Faculty Grant - \$3 000.

PROJECT DURATION: March 1999 - June 1999.

ABSTRACT: The study is a user evaluation of NEC's Web meta search tool  
INQUIRUS.

DESCRIPTORS: Online information retrieval; World Wide Web; Search engines;  
Metadata; Use; Evaluation; INQUIRUS

Set	Items	Description
S1	121	AU=(LAWRENCE, S? OR LAWRENCE S? OR GILES C? OR GILES, C?)
S2	3937	(QUER? OR SEARCH?) (2N) (ENGINE? OR SERVICE? OR SITE? OR SYSTEM? OR AGENT?)
S3	6	(MEGA OR META) () SEARCH? OR METASEARCH? OR MEGASEARCH?
S4	77	S2(3N) (MULTIPL? OR SEVERAL? OR MANY OR PLURAL? OR TWO OR ADDITIONAL?)
S5	746541	SIMULTANEOUS? OR COOCCUR? OR SAME() TIME? OR SEQUENTIAL? OR SAME() (SEARCH? OR QUER? OR REQUEST?)
S6	16	S4 AND S5
S7	12	S4 AND (WWW OR INTERNET? OR INTRANET? OR ONLINE? OR ON() LINE? OR WORLD() WIDE() WEB? OR WAN)
S8	43	S4 AND IC=G06F?
S9	4	S4 AND IC=(G06F-013? OR G06F-003?)
S10	33	S3 OR S6 OR S7 OR S9
S11	33	IDPAT (sorted in duplicate/non-duplicate order)
S12	32	IDPAT (primary/non-duplicate records only)
S13	0	S1 AND S3
S14	0	S1 AND S4
S15	0	S1 AND S2

File 344:CHINESE PATENTS ABS APR 1985-2001/Feb

(c) 2001 EUROPEAN PATENT OFFICE

File 347:JAPIO Oct 1976-2000/Sep(UPDATED 010304)

(c) 2001 JPO & JAPIO

File 350:Derwent WPIX 1963-2001/UD,UM &UP=200111

(c) 2001 Derwent Info Ltd

12/5/1 (Item 1 from file: 344)  
DIALOG(R) File 344:CHINESE PATENTS ABS  
(c) 2001 EUROPEAN PATENT OFFICE. All rts. reserv.

4215936

**METHOD FOR SIMULTANEOUSLY IMPLEMENTING SEVERAL SEARCHES OF ENGINE RETRIEVAL**

Patent Assignee: YINGYEDA CO LTD (CN)  
Author (Inventor): HAOBO ZHAN (CN); XIONGBAI HUANG (CN)  
Number of Patents: 000  
Patent Family:

CC	Number	Kind	Date
CN	1245937	A	20000301 (Basic)

Application Data:

CC	Number	Kind	Date
*CN	98118730	A	19980826

Abstract: The present invention relates to a method using one search agency device to make several searches of engine index information simultaneously, said method includes the following steps: starting a browsing device; starting search agency device; selecting one or several station points for searching engine; inputting at least more than one key character by means of input unit; setting content of selected items of every searched engine; according to the inputted key character and the content of selected items of every searched engine, setting the query formation list corresponding to every searched engine; transferring said query formation list to every correspondent searched engine; receiving search result from every searched engine and displaying said search result by means of output unit.

IPC: G06F-017/30

12/5/2 (Item 2 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013540382 \*\*Image available\*\*

WPI Acc No: 2001-024588/200103

XRPX Acc No: N01-019236

**Multimedia information retrieving system for retrieving documents, web page from Internet, produces crawler and metasearch agents for retrieving query related document among which preset document are displayed**

Patent Assignee: TEXTWISE LLC (TEXT-N)  
Inventor: LIDDY E D; YU E S  
Number of Countries: 089 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200063837	A1	20001026	WO 2000US10435	A	20000418	200103 B
AU 200043603	A	20001102	AU 200043603	A	20000418	200107

Priority Applications (No Type Date): US 99295190 A 19990420

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 200063837	A1	E	41	G06N-003/02	
--------------	----	---	----	-------------	--

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200043603	A	G06N-003/02	Based on patent WO 200063837
--------------	---	-------------	------------------------------

Abstract (Basic): WO 200063837 A1

NOVELTY - Agent server (22) produces crawler and metasearch agents (28) based on user query. Crawler agent retrieves document from specific URL in web (15) and documents related to retrieved one from other URLs. Meta search agents executes search using search engine and retrieves documents related to query. Network of agents assigns

value to retrieved document and document with high value is displayed.

**DETAILED DESCRIPTION** - A natural language processor (24) determines subject category and terms in the input user query and trains the artificial neural network of agents based on the query. The first document retrieved by the crawler agent is also retrieved by the **meta search** agent. An **INDEPENDENT CLAIM** is also included for multimedia information retrieving method.

**USE** - For retrieving documents, web pages that stores multimedia information from internet.

**ADVANTAGE** - As multiple agents are simultaneously activated as a group for information retrieval, efficient search is performed.

**DESCRIPTION OF DRAWING(S)** - The figure shows the block diagram of information retrieval system.

Web (15)

Agent server (22)

**Meta search** agents (28)

pp; 41 DwgNo 1/5

Title Terms: INFORMATION; RETRIEVAL; SYSTEM; RETRIEVAL; DOCUMENT; WEB; PAGE  
; PRODUCE; CRAWL; AGENT; RETRIEVAL; QUERY; RELATED; DOCUMENT; PRESET;

DOCUMENT; DISPLAY

Derwent Class: T01; T06

International Patent Class (Main): G06N-003/02

File Segment: EPI

12/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

013509308 \*\*Image available\*\*

WPI Acc No: 2000-681254/200067

XRPX Acc No: N00-504405

**System for ranking search results obtained from information retrieval system has search pre-processor, responsive to a search query, and determines context of search query by comparing terms in the search query with user context profile**

Patent Assignee: XEROX CORP (XERO )

Inventor: CHIDLOVSKI B; GLANCE N S; GRASSO A

Number of Countries: 025 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1050830	A2	20001108	EP 2000303613	A	20000428	200067 B

Priority Applications (No Type Date): US 99305435 A 19990505

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1050830 A2 E 11 G06F-017/30

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): EP 1050830 A2

**NOVELTY** - Search pre-processor (30) compares terms in search query with predetermined user context profile, e.g. user identity. Search engine, generates search result comprising at least one item obtained from information retrieval system. Post-processor (40) responsive to non-empty search results, ranks each item returned in the search result according to context of search query.

**DETAILED DESCRIPTION** - Search pre-processor takes query (102) from user (100) and applies a predetermine user context profile to determine the context of search query. Results from search query, which generally include hierarchically-ranked search results based on query, are returned by various search engines or **meta search** engines (80) by searching information retrieval system, such as **Internet** , and the results are ranked by search post-processor and provided to the user in form of ranked documents (124).

**AN INDEPENDENT CLAIM** is made for a method of ranking search results obtained from an information retrieval system.

**USE** - In distributed operating environment, such as **World Wide Web** containing network of distributed servers, and may be implemented

in software using software development environments that provide portable source code that can be used on a variety of hardware platforms. Alternatively system may be used partially or fully in hardware using standard logic circuits.

**ADVANTAGE** - Provides an architecture that allows methods to work together in support of community based relevance feedback, and provides ability to rank results returned across **several search engines** and ability to take into account user's context through use of user, community or expert user profiles.

**DESCRIPTION OF DRAWING(S)** - Drawing shows block diagram of system for ranking search results obtained from information retrieval system in accordance with predetermined context profile.

Search engine (20)  
Search pre-processor (30)  
Search post-processor (40)  
**Meta -search engine** (80)  
User (100)  
Query from user (102)  
Ranked documents (124)  
pp; 11 DwgNo 2/2

Title Terms: SYSTEM; RANK; SEARCH; RESULT; OBTAIN; INFORMATION; RETRIEVAL;  
SYSTEM; SEARCH; PRE; PROCESSOR; RESPOND; SEARCH; QUERY; DETERMINE;  
CONTEXT; SEARCH; QUERY; COMPARE; TERM; SEARCH; QUERY; USER; CONTEXT;  
PROFILE

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

12/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

013505539 \*\*Image available\*\*

WPI Acc No: 2000-677480/200066

**Meta search engine set on a computer of end user - NoAbstract**

Patent Assignee: MOON S I (MOON-I)

Inventor: MOON S I

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2000006664	A	20000207	KR 9941860	A	19990929	200066 B

Priority Applications (No Type Date): KR 9941860 A 19990929

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

KR 2000006664 A G06F-017/30

Title Terms: META; SEARCH; ENGINE; SET; COMPUTER; END; USER; NOABSTRACT

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

12/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

013482939

WPI Acc No: 2000-654882/200063

XRPX Acc No: N00-485305

**Method for synchronizing browser's bookmark in different computers - use graphical operating interface which is combined with telecommunication, auto-retrieving, auto-switching and is capable of combining together with Windows 9**

Patent Assignee: INVENTEC CORP (INVE-N)

Inventor: HE D; TSAI S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
TW 388820	A	20000501	TW 97118928	A	19971215	200063 B

Priority Applications (No Type Date): TW 97118928 A 19971215

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
TW 388820	A		G06F-015/163	

Abstract (Basic): TW 388820 A

NOVELTY - The location data for saving bookmark created from the same or different **Internet** browser by **searching** the operating **system** in the **two** computers, and then searches bookmark text separately on the two computers based on the location data, mark different symbol to the bookmark that has been found and then built a comparison table by it to proceed comparing and synchronous operation which makes the bookmarks on the computers retain identical in order to manage and maintain the two same or different format synchronously to achieve the goal of sharing networking resource in the same or different browsers of different computers.

DwgNo 0/0

Title Terms: METHOD; COMPUTER; GRAPHICAL; OPERATE; INTERFACE; COMBINATION; TELECOMMUNICATION; AUTO; RETRIEVAL; AUTO; SWITCH; CAPABLE; COMBINATION; WINDOW

Derwent Class: T01

International Patent Class (Main): G06F-015/163

File Segment: EPI

12/5/6 (Item 6 from file: 350) .

DIALOG(R) File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

013351590

WPI Acc No: 2000-523529/200047

XRPX Acc No: N00-386930

**Synchronous searching method by multiple search engines on the Internet applied in network information system to get multiple information on the web**

Patent Assignee: INVENTEC CORP (INVE-N)

Inventor: CHAN H; HUANG H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
TW 380236	A	20000121	TW 98110214	A	19980625	200047 B

Priority Applications (No Type Date): TW 98110214 A 19980625

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
TW 380236	A	27	G06F-007/00	

Abstract (Basic): TW 380236 A

NOVELTY - Information searching method with computer display by search proxy, which includes the following steps: opening up a browser; initiating the search proxy; selecting one or a **plurality** of web **sites** of **search engines** ; inputting at least one keyword on the input unit; configuring each content of the options of each search engine; configuring the query format associated with each search engine based on the inputted keyword and each content of search engine option; transmitting corresponding query format to each corresponding search engine; receiving the returned search result from each search engine; displaying the search result returned from each search engine via the output unit.

Dwg.0/10

Title Terms: SYNCHRONOUS; SEARCH; METHOD; MULTIPLE; SEARCH; ENGINE; APPLY; NETWORK; INFORMATION; SYSTEM; MULTIPLE; INFORMATION; WEB

Derwent Class: T01; W01

International Patent Class (Main): G06F-007/00

File Segment: EPI

12/5/7 (Item 7 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013329718 \*\*Image available\*\*  
WPI Acc No: 2000-501657/200045  
XRPX Acc No: N00-371923

**Automatic information retrieval procedure for internet involves confirming if data of connected internet sites are updated before receiving and storing such updated data**

Patent Assignee: KINSEISHA KK (GLDS ); LG ELECTRONICS INC (GLDS )

Inventor: KIM G W; KIM H A

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000181778	A	20000630	JP 99328197	A	19991118	200045 B
KR 2000033295	A	20000615	KR 9850113	A	19981119	200110

Priority Applications (No Type Date): KR 9850113 A 19981119

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000181778	A	8	G06F-012/00	
KR 2000033295	A		H04N-007/14	

JP 2000181778 A

KR 2000033295 A

Abstract (Basic): JP 2000181778 A

NOVELTY - The search conditions of an **internet** site are input. The applicable **internet** sites based on the search conditions are connected. The data on the connected **internet** sites are then determined whether such data have been updated or not. If the data of the connected **internet** site are confirmed to be updated, the data are received and stored.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the automatic information retrieval apparatus.

USE - For the **internet** .

ADVANTAGE - Improves search efficiency due to automatic confirmation of whether or not data of **internet** site is updated before receiving and storing of such data. Improves search environment since only user-desired data among **additional services** is automatically **searched** .

DESCRIPTION OF DRAWING(S) - The figure is the flowchart showing the automatic information retrieval procedure of the **internet** site.

pp; 8 DwgNo 2/5

Title Terms: AUTOMATIC; INFORMATION; RETRIEVAL; PROCEDURE; CONFIRM; DATA; CONNECT; SITE; UPDATE; RECEIVE; STORAGE; UPDATE; DATA

Derwent Class: T01

International Patent Class (Main): G06F-012/00; H04N-007/14

International Patent Class (Additional): **G06F-013/00** ; G06F-017/30

File Segment: EPI

12/5/8 (Item 8 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013302752 \*\*Image available\*\*  
WPI Acc No: 2000-474687/200041  
XRPX Acc No: N00-354098

**Program guide searching method for subscription television system, involves searching several titles of desired programs simultaneously and then displaying time and channel associated with identified title**

Patent Assignee: HUGHES ELECTRONICS CORP (HUGA )

Inventor: ROTHMULLER M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6075526	A	20000613	US 96600576	A	19960213	200041 B

Priority Applications (No Type Date): US 96600576 A 19960213; US 96762353 A 19961209

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6075526	A	12	H04N-005/445	Div ex application US 96600576	Div ex patent US 5635986

Abstract (Basic): US 6075526 A

NOVELTY - By selecting title of desired program from program guide and interactively commanding a microprocessor to search title, the title of selected program is entered and reviewed to identify occurrence of the title. Several titles of desired programs are searched **simultaneously**, and time and channel associated with the identified title are displayed. The identified title of the program is stored in a memory.

DETAILED DESCRIPTION - The program guide has program information for several different program sources. The information has titles of several programs, and channels on which these programs are displayed.

INDEPENDENT CLAIMS are also included for the following:

- (a) favorite program list generating method;
- (b) TV program guide generating apparatus;
- (c) favorite program list generating apparatus

USE - For sorting and searching program guides based on viewer's favorite program in subscription TV systems.

ADVANTAGE - Since time and channel associated with every identified occurrence of program is displayed on a screen, the viewer is enabled to designate the title of the program without performing extensive search of outline channel for current and future events.

DESCRIPTION OF DRAWING(S) - The figure shows the flow chart illustrating the display screen generating method for identifying occurrence of specified program.

pp; 12 DwgNo 3/5

Title Terms: PROGRAM; GUIDE; SEARCH; METHOD; SUBSCRIBER; TELEVISION; SYSTEM ; SEARCH; TITLE; PROGRAM; **SIMULTANEOUS** ; DISPLAY; TIME; CHANNEL; ASSOCIATE; IDENTIFY; TITLE

Derwent Class: W03

International Patent Class (Main): H04N-005/445

File Segment: EPI

12/5/9 (Item 9 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

012975647 \*\*Image available\*\*

WPI Acc No: 2000-147496/200013

XRPX Acc No: N00-109139

**Electronic library system e.g. for referencing information, has several personal electronic libraries associated with corresponding workstation**

Patent Assignee: VERSAWARE TECHNOLOGIES LTD (VERS-N)

Inventor: BECKER S; BENJAMIN J; BRODY D; FOX H; FRUMKIN Y; HOLLAND J;

KRAMER J; LIVNAT R; SHORE S; SIMON Y; WOLFSON R

Number of Countries: 086 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200002143	A1	20000113	WO 99IL372	A	19990707	200013 B
AU 9946448	A	20000124	AU 9946448	A	19990707	200027

Priority Applications (No Type Date): US 98111032 A 19980707

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200002143	A1	E	318	G06F-017/30	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR

Abstract (Basic): WO 200002143 A1

NOVELTY - The system has several personal electronic libraries associated with a corresponding workstation, each individual personal electronic library has a library builder operative to download selected ones form among the multiplicity of electronic books in the electronic bookstore into the individual personal electronic library. A library research **engine** operative to **search several** books in the individual personal electronic library.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for;

- (1) an electronic information reservoir,
- (2) a multimedia book generating system,
- (3) an electronic research method,
- (4) an electronic library updating method,
- (5) a method for storing electronic books,
- (6) and a method for multimedia book generation.

USE - For referencing information.

ADVANTAGE - Supports researching of any variable number of books which exists in the user's system. Data is presented from multiple number of books in real time and results merged, data can include query results and media items. Adds new books to end user library via **Internet** or CD-ROM with books including multimedia items.

Automatically updated books via **Internet**.

DESCRIPTION OF DRAWING(S) - The figure shows a simplified block diagram of a digital book processing system constructed and operative in accordance with a preferred embodiment of the invention.

pp; 318 DwgNo 1/64

Title Terms: ELECTRONIC; LIBRARY; SYSTEM; REFERENCE; INFORMATION; PERSON; ELECTRONIC; ASSOCIATE; CORRESPOND

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

12/5/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

012960277 \*\*Image available\*\*

WPI Acc No: 2000-132127/200012

XRPX Acc No: N00-099892

**Web page searching and displaying method in internet - involves performing interpretation of scenario enumerating URLs of web page search result and performing preceding reading of web page which is then displayed**

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000003368	A	20000107	JP 98168803	A	1998061	200012 B

Priority Applications (No Type Date): JP 98168803 A 19980616

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000003368	A	11	G06F-017/30	

Abstract (Basic): JP 2000003368 A

NOVELTY - A search server (5) searches web page with the keyword received from automatic scenario generation server (3) and returns the result to server. The server produces scenario enumerating URLs of search result, **sequentially** and returns it to client (1). The client interprets the scenario and accordingly performs preceding reading of web page which is then **sequentially** displayed according to enumerated URL. DETAILED DESCRIPTION - The automatic scenario generation server (3) receives search demand with keyword from client and transmits it to search server (5). An INDEPENDENT CLAIM is also included for the

recording medium which records web page searching and displaying program.

USE - For searching and displaying web page in **internet** .

ADVANTAGE - As the read web page is **sequentially** displayed according to URL described by scenario, it becomes unnecessary to move to top page, thereby unnecessary operation of mouse is reduced and efficiency is increased. Moreover, as preceding reading of web page is performed, queuing time to display is reduced. As scenario enumerating URLs of search result is generated and returned to client, searching of web page is performed **simultaneously** to **several search engines** .

DESCRIPTION OF DRAWING(S) - The figure shows the system assembly illustrating web page display method. (1) Client; (3) Automatic scenario generation server; (5) Search server.

Dwg.1/8

Title Terms: WEB; PAGE; SEARCH; DISPLAY; METHOD; PERFORMANCE;

INTERPRETATION; WEB; PAGE; SEARCH; RESULT; PERFORMANCE; PRECEDE; READ;

WEB; PAGE; DISPLAY

Derwent Class: T01

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): **G06F-003/00 ; G06F-013/00**

File Segment: EPI

**12/5/11 (Item 11 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

012773777 \*\*Image available\*\*

WPI Acc No: 1999-580004/199949

XRPX Acc No: N99-428185

**Database search representing method for graphical user interface for use in database management system**

Patent Assignee: SZABO A J (SZAB-I)

Inventor: SZABO A J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5966126	A	19991012	US 96772650	A	19961223	199949 B

Priority Applications (No Type Date): US 96772650 A 19961223

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5966126	A		34	G06F-003/00	

Abstract (Basic): US 5966126 A

NOVELTY - Minimum of three search selections, each for selecting records from a database, are received. Graphic icons are provided, for representing a composite set inclusion property of two selections. User selection of graphic icons, and the linkages between the icons, are received. The selected graphic icons and the linkages are displayed as a graphic image.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for data set control system in GUI.

USE - For graphical user interface for use in database management system, to formulate and refine search.

ADVANTAGE - Provides a more intuitive language for the presentation and use of logical relationships between elements. Desired information can be analyzed and extracted, by defining a group of less complex rule sets and then consolidating the rule sets. Presents a basic or generic icon, defining several logical data regions representing a Boolean relationship between two or more data sets. Extends the standard Boolean logic with the known search operators to provide potentially full functionality within the logic representation. Efficiency may be gained in certain instance by providing functions with greater number of inputs and outputs, which are used as accessible icons. The use of multidimensional icons is avoided, so as to simplify the interface. Allows chaining of the binary representations in tree format, to achieve the complex results or transfer functions, thereby allowing the

user to view the formulation of the search and to modify any element within the formulation, which can immediately update the entire search structure. Allows use of various optimized graphic representations of the underlying data sets and set operations, based on the preferences of the user and the context. Allows user to interact with **multiple** databases and **search engines simultaneously**, where each separate search is capable of being displayed by a separate Boole-graph. Offers the ability to search databases which include not only textual information, but also other information forms, such as auditory, visual, olfactory or touch inputs, etc.,

DESCRIPTION OF DRAWING(S) - The figure shows graphic search representations.

pp; 34 DwgNo 3/10

Title Terms: DATABASE; SEARCH; REPRESENT; METHOD; GRAPHICAL; USER;

INTERFACE; DATABASE; MANAGEMENT; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-003/00

File Segment: EPI

12/5/12 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

012702821 \*\*Image available\*\*

WPI Acc No: 1999-508932/199942

XRPX Acc No: N99-379242

**Search system for searching for specified information contained in electronic files on a computer network, e.g. the Internet**

Patent Assignee: IP WAREHOUSE INC (IPWA-N)

Inventor: CONA F A; PLICHTA S

Number of Countries: 002 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9942935	A1	19990826	WO 99US3838	A	19990223	199942 B

Priority Applications (No Type Date): US 9875520 A 19980223

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9942935	A1	E	35	G06F-017/30	

Designated States (National): BR US

Abstract (Basic): WO 9942935 A1

NOVELTY - An information clipper communicates with a storage medium to retrieve characteristic information. It accesses electronic files matching search parameters to retrieve the information from it and store it in the storage medium.

DETAILED DESCRIPTION - The system for searching for specified information contained in electronic files on a computer network, characteristic information regarding each of the electronic files is stored in information sources across the computer network includes:

(a) a user interface for sending search parameters and retrieving the specified information from the system;

(b) an information collector that is capable of collecting characteristic information regarding each of the electronic files which match the search parameters from the information sources;

(c) a storage medium to store the characteristic information for each of the electronic files matching the search parameters; and

(d) an information clipper in communication with the storage medium, where the information clipper retrieves the characteristic information, accesses the electronic files matching the search parameters, retrieves the specified information from it, and stores the specified information in the storage medium.

INDEPENDENT CLAIMS are also given for

(a) a method for searching for several information contained in electronic files on a computer network; and

(b) a **system** for **searching** for **several** information contained in electronic files on a computer network.

USE - For searching for specified information contained in electronic files on a computer network, e.g. the **Internet** . For searching the **Internet** for improper uses of proprietary names etc.

ADVANTAGE - Allows efficient and reliable searching for intellectual property on the **Internet** . Provides reliable authenticated evidence capable of being used as proof to unauthorized use in subsequent legal proceedings.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic illustration of the search system.

pp; 35 DwgNo 2/10

Title Terms: SEARCH; SYSTEM; SEARCH; SPECIFIED; INFORMATION; CONTAIN;  
ELECTRONIC; FILE; COMPUTER; NETWORK

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/30

File Segment: EPI

12/5/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

012698972 \*\*Image available\*\*

WPI Acc No: 1999-505081/199942

XRPX Acc No: N99-377889

**Pager for paging system using different radio frequencies - has electric field detector that determines field strength of received frequency, and display that shows area name, channel number and receiving reliability of receiving area switching received frequency**

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (MATU ); MATSUSHITA DENKI SANGYO KK (MATU )

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11220761	A	19990810	JP 9820038	A	19980130	199942 B
CN 1233919	A	19991103	CN 99101390	A	19990127	200011

Priority Applications (No Type Date): JP 9820038 A 19980130

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 11220761 A 6 H04Q-007/06

CN 1233919 A H04Q-007/14

Abstract (Basic): JP 11220761 A

NOVELTY - The pager has an electric field detector (11) that determines the field strength of a received frequency. A display (2) shows the area name, channel number and receiving reliability in high order of a receiver area which **sequentially** switches the received radio frequency. DETAILED DESCRIPTION - The pager stores the received frequencies of **several** paging **systems** , and **searches** for a radio frequency by **sequentially** switching the stored frequencies. An INDEPENDENT CLAIM is included for the radio-frequency search method.

USE - For paging system using different radio frequencies.

ADVANTAGE - User can choose a reliable radio frequency from the list display of a receiving area. Determines receiving area without re-searching radio frequency by storing and making radio frequency, system data and area data within the receiving area correspond for area selection. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the pager. (2) Display; (11) Electric field detector.

Dwg.1/4

Title Terms: PAGE; PAGE; SYSTEM; RADIO; FREQUENCY; ELECTRIC; FIELD; DETECT;  
DETERMINE; FIELD; STRENGTH; RECEIVE; FREQUENCY; DISPLAY; SHOW; AREA; NAME  
; CHANNEL; NUMBER; RECEIVE; RELIABILITY; RECEIVE; AREA; SWITCH; RECEIVE;  
FREQUENCY

Derwent Class: W01; W05

International Patent Class (Main): H04Q-007/06; H04Q-007/14

International Patent Class (Additional): H04Q-007/08; H04Q-007/12;  
H04Q-007/34

File Segment: EPI

12/5/14 (Item 14 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

012648100 \*\*Image available\*\*  
WPI Acc No: 1999-454205/199938  
XRPX Acc No: N99-340239

Meta- search procedure for internet - involves extracting required  
information for analyzing responses from third party search unit and  
displaying extracted information

Patent Assignee: NEC CORP (NIDE )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11191114	A	19990713	JP 98286599	A	19981008	199938 B

Priority Applications (No Type Date): US 98113751 A 19980710; US 9762958 A  
19971010

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
JP 11191114 A 43 G06F-017/30

Abstract (Basic): JP 11191114 A

NOVELTY - A question is sent to several third party search units.  
The response from the third party search units is analyzed and a  
document relating to the question is extracted. All the texts of the  
document corresponding to the question are downloaded. The exact text  
information needed is extracted and displayed. DETAILED DESCRIPTION -  
An INDEPENDENT CLAIM is also included for meta -search engine.

USE - For searching documents, image data on internet.

ADVANTAGE - Improves efficiency of meta -search and hence  
extraction of required information is done quickly and accurately.

Dwg.1/39

Title Terms: META; SEARCH; PROCEDURE; EXTRACT; REQUIRE; INFORMATION;  
RESPOND; THIRD; PARTY; SEARCH; UNIT; DISPLAY; EXTRACT; INFORMATION  
Derwent Class: T01  
International Patent Class (Main): G06F-017/30  
File Segment: EPI

12/5/15 (Item 15 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

012540538 \*\*Image available\*\*  
WPI Acc No: 1999-346644/199929  
XRPX Acc No: N99-259158

Web site registration method with multiple search engines in  
internet

Patent Assignee: INTEL CORP (ITLC )  
Inventor: HOEKSTRA M  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5905862	A	19990518	US 96707667	A	19960904	199929 B

Priority Applications (No Type Date): US 96707667 A 19960904

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
US 5905862 A 13 G06F-017/30

Abstract (Basic): US 5905862 A

NOVELTY - Map data and web site description corresponding to data  
fields of a search engine (210) is stored in database (222) in HTML  
form. The method of registration of web site to each engine is also  
stored in database. By transmitting the registration method data and by  
mapping the web site data to search engine the web site is registered.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a web site registration apparatus for registering web site with several search engines .

USE - For world wide web .

ADVANTAGE - The problem of difficulty in registering web site with a strangely formatted registration page of search engine is overcome by performing automatic registration of web sites with search engines.

DESCRIPTION OF DRAWING(S) - The figure shows components in a networked computer system.

Search engines (210,240)

Database (222)

pp; 13 DwgNo 2/5

Title Terms: WEB; SITE; REGISTER; METHOD; MULTIPLE; SEARCH; ENGINE

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/30

File Segment: EPI

12/5/16 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

012099737 \*\*Image available\*\*

WPI Acc No: 1998-516648/199844

XRPX Acc No: N98-403984

Document searching and presentation system e.g. for PC, internet, electronic library - judges variety of description language of each searched document, based on which presentation language is decided

Patent Assignee: TOSHIBA KK (TOKE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10228485	A	19980825	JP 9733647	A	19970218	199844 B

Priority Applications (No Type Date): JP 9733647 A 19970218

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10228485	A		16	G06F-017/30	

Abstract (Basic): JP 10228485 A

The **system searches** and acquires **several** documents, based on an input search demand. A description language judging unit judges the variety of description language of each searched document. A presentation language deciding unit (13) decides the presentation language in which all documents are presented, based on the result of description language judging unit.

A search document presentation unit (14) translates the search documents described in languages other than the presentation language decided by the presentation language deciding unit, to the presentation language.

ADVANTAGE - Shows search result in suitable presentation table.

Dwg.1/14

Title Terms: DOCUMENT; SEARCH; PRESENT; SYSTEM; ELECTRONIC; LIBRARY;

JUDGEMENT; VARIETY; DESCRIBE; LANGUAGE; SEARCH; DOCUMENT; BASED; PRESENT; LANGUAGE; DECIDE

Derwent Class: T01

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06F-017/21; G06F-017/28

File Segment: EPI

12/5/17 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

012099729 \*\*Image available\*\*

WPI Acc No: 1998-516640/199844

XRPX Acc No: N98-403976

Batch search system for information retrieval in WWW browser -  
initiates browser for performing search with help of several search  
engines, corresponding to selected search format

Patent Assignee: NEC CORP (NIDE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10228477	A	19980825	JP 9744663	A	19970213	199844 B

Priority Applications (No Type Date): JP 9744663 A 19970213

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10228477	A		6	G06F-017/30	

Abstract (Basic): JP 10228477 A

The system includes a browser terminal (1) comprising a keyword input unit (11) which inputs a keyword stored in a memory (21). A search format generation unit (12) acquires keyword from the memory and inserts it in a search format template of search engine and stores them in a search format memory (23).

A browser starting unit (13) performs a search using **several search engines** and stores the searched result in a memory (25). A result display unit (14) edits and displays several search results stored in the memory (25).

ADVANTAGE - Edits and displays search results, easily.

Dwg.1/6

Title Terms: BATCH; SEARCH; SYSTEM; INFORMATION; RETRIEVAL; INITIATE; PERFORMANCE; SEARCH; HELP; SEARCH; ENGINE; CORRESPOND; SELECT; SEARCH; FORMAT

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/30

File Segment: EPI

12/5/18 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

012050885 \*\*Image available\*\*

WPI Acc No: 1998-467795/199840

Related WPI Acc No: 1997-512943; 1998-130868

XRPX Acc No: N98-364498

**Presentation method for computer-user information from web pages for document identification - identifying document from initial set by permitting computer user to browse documents by prompted keyword phrases**

Patent Assignee: RUBINSTEIN S I (RUBI-I)

Inventor: CHANEY G R; RUBINSTEIN S I

Number of Countries: 079 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9837499	A1	19980827	WO 97US20030	A	19971104	199840 B
AU 9852445	A	19980909	AU 9852445	A	19971104	199905
US 5913215	A	19990615	US 96628098	A	19960409	199930
			US 96687656	A	19960726	
			US 97802642	A	19970219	
EP 1019849	A1	20000719	EP 97947338	A	19971104	200036
			WO 97US20030	A	19971104	

Priority Applications (No Type Date): US 97802642 A 19970219; US 96628098 A 19960409; US 96687656 A 19960726

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9837499	A1	E	65	G06F-017/30	

Designated States (National): AL AM AT AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT

KE LS LU MC MW NL OA PT SD SE SZ UG ZW  
 AU 9852445 A G06F-017/30 Based on patent WO 9837499  
 US 5913215 A G06F-017/30 CIP of application US 96628098  
 CIP of application US 96687656  
 CIP of patent US 5721897  
 CIP of patent US 5794233  
 EP 1019849 A1 E G06F-017/30 Based on patent WO 9837499  
 Designated States (Regional): DE FR GB

Abstract (Basic): WO 9837499 A

The method for identifying stored documents involves prompting a computer-user to construct a search expression (120), for transmission to each of **several search engines** located at respective **WWW** sites.

Each of the search engines is prompted to concurrently identify a respective number of web pages containing text consistent with the search expression, and to return a respective URL for each of the web pages identified (130).

USE - Identifying document based on keyword phrases extracted automatically from initial set of documents.

ADVANTAGE - Allows computer user to browse number of documents by prompting user to construct query expression from automatically generated list of keyword phrases.

Dwg.1/22

Title Terms: PRESENT; METHOD; COMPUTER; USER; INFORMATION; WEB; PAGE; DOCUMENT; IDENTIFY; IDENTIFY; DOCUMENT; INITIAL; SET; PERMIT; COMPUTER; USER; DOCUMENT; KEYWORD; PHRASE

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

12/5/19 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

011931833 \*\*Image available\*\*

WPI Acc No: 1998-348743/199830

XRPX Acc No: N98-272138

**Natural language meta- searching method for locating information in database system - involves examining processed natural language query to classify each term in processed query in accordance with predefined classification scheme**

Patent Assignee: PRACTICAL APPROACH CORP (PRAC-N); OPEN TEXT CORP (OPEN-N)

Inventor: REDFERN D M

Number of Countries: 079 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9826357	A1	19980618	WO 97CA970	A	19971209	199830 B
AU 9854713	A	19980703	AU 9854713	A	19971209	199847
US 6078914	A	20000620	US 96769929	A	19961209	200035

Priority Applications (No Type Date): US 96769929 A 19961209

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9826357 A1 E 72 G06F-017/30

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9854713 A G06F-017/30 Based on patent WO 9826357

US 6078914 A G06F-017/30

Abstract (Basic): WO 9826357 A

The method involves accepting a natural language query describing desired information. The natural language query is parsed to extract

terms relevant to the desired information. Search data is created from the extracted terms in an form appropriate to each search engines and transfers the created search data to initiate a search. Complete copies of each information source in the reduced list are retrieved. Each retrieved complete copy relative to the extracted terms is examined to determine a match ranking and to identify relevant portions of the information source. The identified relevant portions is provided to the user in order of the determined rankings. The natural language query is processed to remove punctuation which is not relevant to search data to be extracted from the query. The processed natural language query is examined to classify each term in the processed query in accordance with a predefined classification scheme. Relevant search terms are extracted from the classified terms. The relevance is determined in accordance with the classification scheme.

Dwg.1/8

Title Terms: NATURAL; LANGUAGE; META; SEARCH; METHOD; LOCATE; INFORMATION; DATABASE; SYSTEM; PROCESS; NATURAL; LANGUAGE; QUERY; CLASSIFY; TERM; PROCESS; QUERY; ACCORD; PREDEFINED; CLASSIFY; SCHEME

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

12/5/20 (Item 20 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

011733460 \*\*Image available\*\*

WPI Acc No: 1998-150370/199814

XRPX Acc No: N98-119466

**Document search system - has search key correspondence table which has relationship between search key of one document search program with search keys of other search program**

Patent Assignee: HITACHI LTD (HITA )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10021246	A	19980123	JP 96168875	A	19960628	199814 B

Priority Applications (No Type Date): JP 96168875 A 19960628

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10021246	A	12	G06F-017/30	

Abstract (Basic): JP 10021246 A

The **search system** includes **several search** softwares to search a document corresponding to a search key in a database. A search key correspondence table has the relationship of several search keys used with different document search software. Based on the input search key, a recognition unit identifies the corresponding search software. The corresponding other document search software is obtained by document registered in the key correspondence table.

The search key corresponding to the other document search software thus obtained is also found. Using the two search keys of the successive search software, each of the search software are searched **simultaneously** . The search result obtained after the search process is edited and output.

**ADVANTAGE** - Searches each search program **simultaneously** without knowledge of user, thereby reduces burden to user. Provides effective search. Enhances flexibility of search process.

Dwg.2/25

Title Terms: DOCUMENT; SEARCH; SYSTEM; SEARCH; KEY; CORRESPOND; TABLE; RELATED; SEARCH; KEY; ONE; DOCUMENT; SEARCH; PROGRAM; SEARCH; KEY; SEARCH ; PROGRAM

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

12/5/21 (Item 21 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

011536451 \*\*Image available\*\*  
WPI Acc No: 1997-512932/199747  
XRPX Acc No: N97-426942

**Adding new documents to resource list of existing documents in distributed information system - using query learning and meta search for adding documents to resource directories contained in distributed information system**

Patent Assignee: AT & T CORP (AMTT )  
Inventor: COHEN W W; SINGER Y  
Number of Countries: 022 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9738377	A1	19971016	WO 97US5355	A	19970409	199747 B

Priority Applications (No Type Date): US 9615231 A 19960410  
Cited Patents: 7.Jnl.Ref; US 5530852; US 5572643; US 5623652  
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9738377	A1	E	104	G06F-017/30	

Designated States (National): CA JP KP KR US  
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Abstract (Basic): WO 9738377 A

The method for adding new documents to a resource list of existing documents involves learning selection information which selects the documents on the resource list, and making persistent association between the selection information and the resource list. The selection information is used to select a set of documents which the information specifies.

New documents are added to the resource list, which belong to a sub-set of the selected set of documents which contains documents which are not already on the resource list.

USE - Enabling information retrieval system to find information in distributed information system e.g. Internet.

Dwg.1/9

Title Terms: ADD; NEW; DOCUMENT; RESOURCE; LIST; EXIST; DOCUMENT; DISTRIBUTE; INFORMATION; SYSTEM; QUERY; LEARNING; META; SEARCH; ADD; DOCUMENT; RESOURCE; DIRECTORY; CONTAIN; DISTRIBUTE; INFORMATION; SYSTEM  
Derwent Class: T01  
International Patent Class (Main): G06F-017/30  
International Patent Class (Additional): G06F-019/00  
File Segment: EPI

12/5/22 (Item 22 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

007847920  
WPI Acc No: 1989-113032/198915  
XRPX Acc No: N89-086248

**Computer engineering associative memory - has data inputs of decoder connected to address input rails and control input to mode input rail**

Patent Assignee: LENGD ELECTROTECH RES (LEEE )  
Inventor: EMELIN V P; LOGACGEV A Y U  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 1429169	A	19881007	SU 4132921	A	19860709	198915 B

Priority Applications (No Type Date): SU 4132921 A 19860709  
Patent Details:

Abstract (Basic): SU 1429169 A

The device includes decoder (1), associative attributes unit (2), encoder (3), main AND-gates unit (4), internal memory (5), OR-gates (15) and additional AND-gates unit (16).

A number of cycles necessary for data recording into one complex cell of the associative memory (AM) is equal to the number of the associative attributes combined in the circuit. During data recording to the AM the associative attribute, attribute coupling presence signal, attribute address and main data are fed to the corresp. inputs of the AM.

USE/ADVANTAGE - In computer engineering, e.g. storage devices for processors with async. control of calculation in searching for ready to perform commands and data **search systems** using **simultaneous several** attributes. Increased data capacity by providing build-up of structural elements. Bul.37/7.10.88. (6pp Dwg.No.1/4)

Title Terms: COMPUTER; ENGINEERING; ASSOCIATE; MEMORY; DATA; INPUT; DECODE; CONNECT; ADDRESS; INPUT; RAIL; CONTROL; INPUT; MODE; INPUT; RAIL

Derwent Class: U14

International Patent Class (Additional): G11C-015/00

File Segment: EPI

12/5/23 (Item 23 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

004652376

WPI Acc No: 1986-155719/198624

XRPX Acc No: N86-115723

**Simultaneous radar multi-target search method - conducts search with controlled pattern and time to minimise slew time by keeping antenna close to tracked target**

Patent Assignee: US SEC OF AIR FORCE (USAF )

Inventor: PHILLIPS R A

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6772813	A	19860311	US 86772813	A	19860311	198624 B
US 4673938	A	19870616	US 85772813	A	19850905	198726

Priority Applications (No Type Date): US 85772813 A 19850905; US 86772813 A 19860311

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 6772813 A 30

Abstract (Basic): US 6772813 A

The radar system is directed to perform a continuous radar sequence consisting of three phases. In the first or search phase the radar antenna is scanning and the coverage is controlled to provide a fixed update rate to the tracker while at the **same time** minimising antenna slow time. The second or reacquisition phase involves placement of the radar antenna over the tracked target and redetecting it.

Finally, the third phase involves estimating the target position and velocity from range and angle measurements made during the redetect stage. The system is fully dynamic allowing the accuracy to be controlled while minimising RF emissions directed at the target aircraft.

ADVANTAGE - **System searches for additional aircraft while maintaining track on selected target.** (30pp Dwg.No.0/7)

Title Terms: **SIMULTANEOUS** ; RADAR; MULTI; TARGET; SEARCH; METHOD; CONDUCTING; SEARCH; CONTROL; PATTERN; TIME; MINIMISE; SLEW; TIME; KEEP; ANTENNA; CLOSE; TRACK; TARGET

Derwent Class: W06

International Patent Class (Additional): G01S-013/74

File Segment: EPI

12/5/24 (Item 24 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

004097422

WPI Acc No: 1984-242963/198439

XRPX Acc No: N84-181851

**Ultrasonic inspection system - has data buffer-controller for digitising, encoding and storing corrected or uncorrected flaw area data**

Patent Assignee: BETHLEHEM STEEL CORP (BETH )

Inventor: HUNSICKER G L; NUSBICKEL E M; ROMBERGER C J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4470304	A	19840911	US 82383657	A	19820601	198439 B

Priority Applications (No Type Date): US 82383657 A 19820601

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4470304	A		24		

Abstract (Basic): US 4470304 A

The inspection is done across the width of a hot moving workpiece, such as steel plates and the like. In addition to a **multiplexed** transducer array **search** unit, the **system** includes an adjustable ultrasound fluid couplant, a main ultrasonic instrument modified with a digital multi-channel R.F. attenuation controller and a digital automatic flaw gate controller combined as **on -line** calibration device. The calibration device automatically corrects echo pulses for attenuation errors due to effects of variations in workpiece alloy or composition and temp. and timing errors due to effects of variations in thickness and transducer gap, respectively.

System further includes an ultrasonic data buffer/controller (UDBC) for digitising, encoding and storing corrected or uncorrected flaw area data passed by the flaw gate during workpiece movement. The UDBC, together with a process control minicomputer, a display terminal and printer, provides computer-aided flaw area detection and reconstruction with printouts of an encoded flaw map and an A.S.T.M. flaw evaluation.

USE - For real time high-speed pulse echo testing.

0/8

Title Terms: ULTRASONIC; INSPECT; SYSTEM; DATA; BUFFER; CONTROL; DIGITAL; ENCODE; STORAGE; CORRECT; UNCORRECTED; FLAW; AREA; DATA

Derwent Class: S03

International Patent Class (Additional): G01N-029/04

File Segment: EPI

12/5/25 (Item 25 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

001249486

WPI Acc No: 1975-D3282W/197513

**High speed associative memory - is for electronic bulk storage with modular organisation of search tables**

Patent Assignee: IBM CORP (IBMC )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 964372	A	19750311				197513 B

Priority Applications (No Type Date): CA 100728 A 19701216

Abstract (Basic): CA 964372 A

The associative search apparatus is for an electronic bulk storage

in which data are stored in parallel by word in electronically rotatable memory elements selectable by a memory selection matrix. Search tables are organized on a modular basis so that the **simultaneous** search of many table entries is accomplished at one time. Smaller or larger logical entries are **searched** within the **system** by executing **several** search operations. The first search operation marks the location of where word match conditions occurred in the first table search.

Title Terms: HIGH; SPEED; ASSOCIATE; MEMORY; ELECTRONIC; BULK; STORAGE; MODULE; ORGANISE; SEARCH; TABLE  
Derwent Class: U14  
International Patent Class (Additional): G11C-000/01  
File Segment: EPI

12/5/26 (Item 26 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

001241577  
WPI Acc No: 1975-C5365W/197510  
**High speed associative memory - stores data in parallel by word in electronically rotatable elements selectable by memory matrix**  
Patent Assignee: IBM CORP (IBM)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
CA 963162 A 19750218 197510 B

Priority Applications (No Type Date): US 69889434 A 19691231

Abstract (Basic): CA 963162 A

An associative search apparatus for an electronic bulk storage in which data are stored in parallel by word in electronically rotatable memory elements selectable by a memory selection matrix. Search tables are organized on a modular basis so that the **simultaneous** search of many table entries is accomplished at one time. Smaller or larger logical entries are **searched** within the **system** by executing **several** search operations. The first search operation marks the location of where word match conditions occurred in the first search. The second search operation compares the second search argument against the second table only at the same relative positions where matches occurred in the first table.

Title Terms: HIGH; SPEED; ASSOCIATE; MEMORY; STORAGE; DATA; PARALLEL; WORD; ELECTRONIC; ROTATING; ELEMENT; SELECT; MEMORY; MATRIX  
Derwent Class: U14  
International Patent Class (Additional): G11C-000/01  
File Segment: EPI

12/5/27 (Item 27 from file: 347)  
DIALOG(R) File 347: JAPIO  
(c) 2001 JPO & JAPIO. All rts. reserv.

06425456 \*\*Image available\*\*  
PIPING ROUTE SEARCHING METHOD, ITS DEVICE, PIPING ROUTE FORMING METHOD AND ITS DEVICE

PUB. NO.: 2000-011019 [JP 2000011019 A]  
PUBLISHED: January 14, 2000 (20000114)  
INVENTOR(s): MINATO HIROSHI  
APPLICANT(s): NKK CORP  
APPL. NO.: 10-173282 [JP 98173282]  
FILED: June 19, 1998 (19980619)  
INTL CLASS: G06F-017/50; G06F-017/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To **simultaneously** search the **system** of plural

pipings without joining mutually in a piping network provided with plural starting and end points by erasing a searched route from an object to be searched, **simultaneously** searching the plural routes and classifying the searched **simultaneous** plural routes at the time of searching the **simultaneous** plural routes in the piping network.

SOLUTION: A **simultaneous** plural-route searching device 16 searches the piping routes of a piping network N provided with plural starting point piers 1-4 and plural end point tank groups 7-10 and stores them. Then, the plural **simultaneous** routes are searched while erasing the searched routes from an object to be searched at the time of searching the **simultaneous** plural-route without joining mutually in the piping network N and the whole plural **simultaneous** routes are classified against the piping network N. A **simultaneous** plural-route forming device 17 selects a valve control signal based on the number of the routes inputted from the plural **simultaneous** routes which are classified and stored by the device 16, transmits the valve control signal and forms the plural **simultaneous** routes without joining mutually against the actual piping network N.

COPYRIGHT: (C)2000,JPO

12/5/28 (Item 28 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2001 JPO & JAPIO. All rts. reserv.

05924798 \*\*Image available\*\*

PICTURE DISPLAYING BROWSER AND ITS STORAGE DEVICE AND PICTURE DISPLAYING METHOD

PUB. NO.: 10-207898 [JP 10207898 A]

PUBLISHED: August 07, 1998 (19980807)

INVENTOR(s): ISHIZAWA TERUMI

APPLICANT(s): ISHIZAWA TERUMI [000000] (An Individual), JP (Japan)

APPL. NO.: 09-007508 [JP 977508]

FILED: January 20, 1997 (19970120)

INTL CLASS: [6] G06F-017/30

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

#### ABSTRACT

PROBLEM TO BE SOLVED: To reduce the charge of a call and to improve the easy handling of the browser by the **simultaneous** retrieval of **plurality** of **search engines** and the down loading of plurality of home page data by compressing home page data information related to title information when a check information is inputted to the title information of each search engine in a picture and loading down the compressed information.

SOLUTION: The search engines (yellow pages) of respective companies in target servers 1 to 7,... are extracted and displayed by installing them by a floppy disk or a CD-ROM 16 to be a program storage device. In this case, a busy personal computer 13 directly reads out the title information of **plurality** of related **search engines** through an inter-connection network 8, a telephone line 12 connected after inputting a signal by a keyword 14, a provider 10, and a telephone line 11. Then the title information data of respective search engines are extracted and collectively displayed like display pictures 17a to 17h.

12/5/29 (Item 29 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2001 JPO & JAPIO. All rts. reserv.

05766311 \*\*Image available\*\*

**TWO STEP SEARCH PROCESSING SYSTEM** FOR LINEAR LIST TYPE CACHE MEMORY INFORMATION

PUB. NO.: 10-049411 [JP 10049411 A]

PUBLISHED: February 20, 1998 (19980220)

INVENTOR(s): TSUTSUMI KAZUO

NASHIMOTO KUNIO  
ITAI TAKEO  
TOKUMARU KEISUKE

APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
HITACHI SOFTWARE ENG CO LTD [472485] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 08-209566 [JP 96209566]  
FILED: August 08, 1996 (19960808)  
INTL CLASS: [6] G06F-012/00  
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)

#### ABSTRACT

PROBLEM TO BE SOLVED: To reduce the overhead of search processing by performing the double step search of the search of a belonging group and a search inside a data group belonging to that group when searching data as an object out of data file information groups, which are **simultaneously** managed by a linear list type, existent in a cache memory pool.

SOLUTION: Corresponding to a data access request 32 to a file, the search of the group to which the data of access object belong is processed as one step searches 33 and 34. Next, as two step searches, **sequential** searches 35, 36 and 3A are performed only to a linear list type cache buffer registered as the belonging group so that filed data existent on the cache buffer memory pool can be searched. When the data of access object do not exist on the cache buffer memory pool, such data are read from the file and registered on the cache buffer.

12/5/30 (Item 30 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2001 JPO & JAPIO. All rts. reserv.

04717830 \*\*Image available\*\*  
SEARCH SYSTEM FOR RADIO COMMUNICATION SYSTEM

PUB. NO.: 06-188830 [JP 6188830 A]  
PUBLISHED: July 08, 1994 (19940708)  
INVENTOR(s): KONNO MASAHIRO  
HANAWA TETSUYA  
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 04-341770 [JP 92341770]  
FILED: December 22, 1992 (19921222)  
INTL CLASS: [5] H04B-007/26; H04B-007/26  
JAPIO CLASS: 44.2 (COMMUNICATION -- Transmission Systems)  
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers &  
Microprocessors)

#### ABSTRACT

PURPOSE: To eliminate the problem of the disturbance of the series of a radio communication system, or system selection accompanied by the adjacency of the same series system by **sequentially** searching the radio communication system advantageous to a user, in a search system for selecting the appropriate radio communication system from the plural radio communication systems in a portable telephone terminal when the plural radio communication systems whose carrier frequencies are different are present in the same area.

CONSTITUTION: The selection priority order of the plural radio communication systems is preliminarily registered in the portable telephone terminal (step S1), the home system of a prescribed carrier frequency preliminarily contracted by the portable telephone terminal is searched (step S2), and when the home system can not be searched, the **plural** radio communication **systems** are **searched** according to the selection priority order preliminarily registered in the portable telephone terminal (step S4).

12/5/31 (Item 31 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2001 JPO & JAPIO. All rts. reserv.

04459116 \*\*Image available\*\*  
RELATIVE INFORMATION NETWORK SEARCHING SYSTEM

PUB. NO.: 06-103016 [JP 6103016 A]  
PUBLISHED: April 15, 1994 (19940415)  
INVENTOR(s): TAKADA HISAYASU  
NAKAGAWA TORU  
KOBAYASHI NAOKI  
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese  
Company or Corporation), JP (Japan)  
APPL. NO.: 03-291368 [JP 91291368]  
FILED: November 07, 1991 (19911107)  
INTL CLASS: [5] G06F-003/14 ; G06F-003/14 ; G06F-012/00  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 45.2  
(INFORMATION PROCESSING -- Memory Units)  
JOURNAL: Section: P, Section No. 1770, Vol. 18, No. 376, Pg. 114, July  
14, 1994 (19940714)

#### ABSTRACT

PURPOSE: To display a desired window capable of making access to an access enable state without performing an operation to close the window in use or to search the desired window capable of making access to a screen every time in the case of accessing the window of another service program while searching information in an information **search system** by opening **plural** windows on one display picture.

CONSTITUTION: A window ID is imparted to each window, a network connection control part 6 for the information network of an information search system 1 is provided with a managing table for which information displayed on the display picture is made correspondent to the window ID, the window ID corresponding to the inputted area designated the position on the display picture is provided from the managing table, and a window display control part 4 switches and controls the picture so as to make directly access to the window provided with this window ID

12/5/32 (Item 32 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2001 JPO & JAPIO. All rts. reserv.

02154074 \*\*Image available\*\*  
TEXT SEARCH ENGINE AND ITS CONTROL SYSTEM

PUB. NO.: 62-070974 [JP 62070974 A]  
PUBLISHED: April 01, 1987 (19870401)  
INVENTOR(s): TAKAHASHI TSUNESUKE  
NAGAI HAJIME  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 60-211543 [JP 85211543]  
FILED: September 24, 1985 (19850924)  
INTL CLASS: [4] G06F-015/40; G06F-007/28  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.1  
(INFORMATION PROCESSING -- Arithmetic Sequence Units); 45.2  
(INFORMATION PROCESSING -- Memory Units)  
JOURNAL: Section: P, Section No. 611, Vol. 11, No. 270, Pg. 62,  
September 03, 1987 (19870903)

#### ABSTRACT

PURPOSE: To check the presence or absence of matching at a segment level by providing plural internal signal detecting means and setting the threshold value of matching degree.

CONSTITUTION: A text **search engine** can store **many** pattern symbol trains and compares each part of an input data symbol train with all pattern symbol trains all at once for each input of a single symbol code input. Then the results of these collations are delivered through a latch circuit 124 serving as an internal signal detecting means. At the **same time**, the weight coefficient is allocated to each identification code showing a specific one of plural circuits 124 that is equal to 1. As a result, the matching degree can be delivered between the data symbol train of each segment and plural pattern symbol trains stored in an associative memory part 110. Then the threshold value is set to the matching degree to attain the check for presence or absence of matching at a segment level.

Set	Items	Description
S1	2	AU=(LAWRENCE, S? OR LAWRENCE S? OR GILES C? OR GILES, C?)
S2	22683	(QUER? OR SEARCH?) (2N) (ENGINE? OR SERVICE? OR SITE? OR SYSTEM? OR AGENT? OR TOOL? ?)
S3	430	(MEGA OR META) () SEARCH? OR METASEARCH? OR MEGASEARCH?
S4	880	S2(3N) (MULTIPL? OR SEVERAL? OR MANY OR PLURAL? OR TWO OR ADDITIONAL?)
S5	86239	SIMULTANEOUS? OR COOCCUR? OR SAME() TIME? OR SEQUENTIAL? OR SAME() (SEARCH? OR QUER? OR REQUEST?)
S6	172	S4 AND S5
S7	823	S4 AND (WWW OR INTERNET? OR INTRANET? OR ONLINE? OR ON() LINE? OR WORLD() WIDE() WEB? OR WAN)
S8	39	S3(S) S4(S) S5 AND S7
S9	39	RD (unique items)
S10	3	S9 NOT PY>1997
S11	3	S10 NOT PD>970710

File 621:Gale Group New Prod.Annou.(R) 1985-2001/Mar 05

(c) 2001 The Gale Group

File 278:Microcomputer Software Guide 2001/Feb

(c) 2001 Reed Elsevier Inc.

File 256:SoftBase:Reviews,Companies&Prods. 85-2001/Jan

(c)2001 Info.Sources Inc

?logoff hold

*Product +  
Software  
Files*

11/3,K/1 (Item 1 from file: 621)  
DIALOG(R) File 621:Gale Group New Prod.Annou.(R)  
(c) 2001 The Gale Group. All rts. reserv.

01346193 Supplier Number: 46139849 (USE FORMAT 7 FOR FULLTEXT)  
**QUARTERDECK ANNOUNCES WEBCOMPASS PERSONAL EDITION TO BE LAUNCHED IN MARCH**  
News Release, pN/A  
Feb 12, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 387

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Powerful Add-on for Netscape Navigator and Microsoft **Internet Explorer**  
MARINA DEL REY, Calif., February 12, 1996---Quarterdeck Corp. (Nasdaq:  
QDEK) announced a mass...

...of its award-winning WebCompass that's built around key features of  
WebCompass, including the **simultaneous metasearch** of **multiple Web  
search engines** and preparing an abstract of the query data, all through  
a point-and-click interface. WebCompass Personal Edition works with all  
major browsers and makes searching on the **World Wide Web** exciting and  
efficient. A beta version of WebCompass Personal Edition will be available  
for free...

...of below \$40. "WebCompass Personal Edition is targeted at users of  
Netscape Navigator and Microsoft **Internet Explorer**, in addition to users  
of Quarterdeck's **InternetSuite**," said Gaston Bastiaens, President and CEO  
of Quarterdeck. "Because WebCompass Personal Edition has proprietary  
technology...

...business for the Web search engine companies." In preparing WebCompass  
Personal Edition for the broader **Internet** market, special attention was  
given to ease-of-use and the user interface. Quarterdeck will...

...is a pioneer in the development of software products in four strategic  
business areas: Utilities, **Internet Solutions**, **Internet Services**, and  
Communications. The company has led the industry in bringing utilities  
solutions to the...

...QEMM memory management software. The company also offers an entire line  
of powerful, next-generation **Internet** tools for corporate, small business  
and individual users, including the award-winning WebCompass, and the...

...and pricing information can be obtained by calling (310) 309-3700, by  
accessing Quarterdeck's **Internet** Web site at [http://www .quarterdeck.](http://www.quarterdeck.com)  
corn/, or by sending an e-mail request to [info@quarterdeck.com](mailto:info@quarterdeck.com).

11/3,K/2 (Item 1 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2001 Info.Sources Inc. All rts. reserv.

00099421 DOCUMENT TYPE: Review

PRODUCT NAMES: AltaVista (610011)

TITLE: Internet 'Onesearch' with the Mega Search Engines  
AUTHOR: Notess, Greg R  
SOURCE: Online Magazine, v20 n6 p36(4) Nov/Dec 1996  
ISSN: 0146-5422  
HOMEPAGE: <http://www.onlineinc.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 19990530

**TITLE:** Internet 'Onesearch' with the Mega Search Engines

DEC's AltaVista, Beaucoup's Search Engines Forms, SavvySearch, and MetaCrawler are **mega search** engines discussed. **Mega Search** engines do not create their own databases. Instead they use databases collected by other **Internet** search engines, including AltaVista, HotBot, and Infoseek. They provide a search interface with which users can submit queries to multiple finding tools. To accomplish this, the **mega search engines** use **multiple** approaches. Some list **search engines** and provide a form for each. This is the all-in-one method used by the All-In-One page and Beaucoup. It allows a **sequential** search, in which the user can run search engines in sequence. The other method, used...

...to more than one search engine from one page. The All-In-One page provides **multiple** classes of **search tools**, including **Internet search engines**, people, software, and technical reports. Another method is demonstrated in the multilingual Search Engines Forms...

**DESCRIPTORS:** Front Ends; **Internet** Utilities; Information Retrieval; Indexing Software; Query & Retrieval Systems; **Internet** Portals; **Internet** Search Engines

11/3,K/3 (Item 2 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2001 Info.Sources Inc. All rts. reserv.

00095164 DOCUMENT TYPE: Review

**PRODUCT NAMES:** WebSeeker (634093); More Like This (629901); Internet FastFind (634107); WebCompass 2.0 (595853)

**TITLE:** Searching is my Business: A Gumshoe's Guide to the Web  
**AUTHOR:** Tweney, Dylan  
**SOURCE:** PC World, v14 n12 p182(8) Dec 1996  
**ISSN:** 0737-8939  
**HOME PAGE:** <http://www.pcworld.com>

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Comparison  
**GRADE:** Product Comparison, No Rating

**REVISION DATE:** 19990130

...**PRODUCT NAMES:** 629901); Internet FastFind...

...Group's WebSeeker, KDL Interactive's (aka Knowledge Discovery's) More Like This, Symantec's **Internet** Fast Find, and Quarterdeck Office Systems' WebCompass 2.0 are some of the **many World Wide Web search tools** highlighted. Selecting the right search tool combo can help users stay 'untangled' when scouring the...

...good search strategy and carefully building queries (including zeroing in on the subject and modifying **searches**); **metasearch tools** (which **search several engines** using the **same query**); search assistants; and offline browsers. Arf and WebSeeker are **metasearch** tools, while More Like This is a very useful search assistant that runs advanced queries without requiring the user to learn search syntax. Other powerful search assistants are **Internet** FastFind and WebCompass.

**DESCRIPTORS:** **Internet** Utilities; Information Retrieval; Front Ends; Query & Retrieval Systems; IBM PC & Compatibles  
?ds;show files

Set	Items	Description
S1	55	AU=(LAWRENCE, S? OR LAWRENCE S? OR GILES C? OR GILES, C?)
S2	6119	(QUER? OR SEARCH?) (2N) (ENGINE? OR SERVICE? OR SITE? OR SYSTEM? OR AGENT?)
S3	18	(MEGA OR META) ( ) SEARCH? OR METASEARCH? OR MEGASEARCH?
S4	387	S2(3N) (MULTIPL? OR SEVERAL? OR MANY OR PLURAL? OR TWO OR ADDITIONAL?)
S5	392261	SIMULTANEOUS? OR COOCCUR? OR SAME( ) TIME? OR SEQUENTIAL? OR SAME( ) (SEARCH? OR QUER? OR REQUEST?)
S6	288	S4 AND S5
S7	261	S4 AND (WWW OR INTERNET? OR INTRANET? OR ONLINE? OR ON( ) LINE? OR WORLD( ) WIDE( ) WEB? OR WAN)
S8	227	S4 AND IC=G06F?
S9	189	S4 AND S5 AND S7
S10	5	S9 AND IC=(G06F-003? OR G06F-013?)
S11	23	S4(10N) S5
S12	5	S4(S) S5(S) (WWW OR WORLD( ) WIDE( ) WEB OR W3 OR INTERNET? OR INTRANET? OR WAN OR ONLINE? OR ON( ) LINE)
S13	44	S3 OR S10 OR S11 OR S12
S14	21	S13 NOT AD>980710
S15	21	IDPAT (sorted in duplicate/non-duplicate order)
S16	18	IDPAT (primary/non-duplicate records only)
S17	0	S1 AND S4

?show files

File 348:EUROPEAN PATENTS 1978-2001/Feb W04

(c) 2001 European Patent Office

File 349:PCT Fulltext 1983-2001/UB=20010222, UT=20010208

(c) 2001 WIPO/MicroPat

16/5/1 (Item 1 from file 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2001 European Patent Office. All rts. reserv.

00975324

Pipeline decoding system  
Pipeline-System zur Dekodierung  
Systeme pipeline de decodage  
PATENT ASSIGNEE:

Discovision Associates, (260275), 2355 Main Street, Suite 200, Irvine, CA  
92614, (US), (applicant designated states:  
AT;BE;CH;DE;FR;GB;IE;IT;LI;NL)

INVENTOR:

Wise, Adrian Philip, 10 Westbourne Cottages, Frenchay, Bristol BS16 1NA,  
(GB)  
Sotheran, Martin William, The Ridings, Wick Lane, Stinchcombe, Dursley,  
Gloucestershire GL11 6BD, (GB)  
Robbins, William Philip, 19 Springhill, Cam, Gloucestershire GL11 5PE,  
(GB)  
Finch, Helen Rosemary, Tyley, Coombe, Wotton-Under-Edge, Gloucestershire  
GL12 7ND, (GB)  
Boyd, Kevin James, 21 Lancashire Road, Bristol BS7 9DL, (GB)

LEGAL REPRESENTATIVE:

Vuillermoz, Bruno et al (72791), Cabinet Laurent & Charras B.P. 32 20,  
rue Louis Chirpaz, 69131 Ecully Cedex, (FR)  
PATENT (CC, No, Kind, Date): EP 884910 A1 981216 (Basic)  
APPLICATION (CC, No, Date): EP 98202132 950228;  
PRIORITY (CC, No, Date): GB 9405914 940324  
DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IE; IT; LI; NL  
RELATED PARENT NUMBER(S) - PN (AN):  
EP 674443 (EP 953013018)  
INTERNATIONAL PATENT CLASS: H04N-007/24; G06F-013/00 ; G06F-009/38

ABSTRACT EP 884910 A1

A pipeline system having an inverse modeller stage and an inverse  
discrete cosine transform stage, comprising a processing stage,  
positioned between said inverse modeller stage and said inverse discrete  
cosine transform stage, responsive to tokens for processing data, wherein  
said tokens each comprise a plurality of data words, each said word  
including an extension indicator which indicates a presence or an absence  
of additional words in said token, a length of said token being  
determined by said extension indicators, whereby the length of said token  
can be unlimited;

wherein said tokens are communicated from said inverse modeller stage to  
said processing stage.

ABSTRACT WORD COUNT: 104

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 000607 A1 International Patent Classification changed:  
20000419  
Application: 981216 A1 Published application (A1with Search Report  
;A2without Search Report)  
Change: 000712 A1 Title of invention (French) changed: 20000524  
Change: 000712 A1 Title of invention (English) changed: 20000524  
Change: 000712 A1 Title of invention (German) changed: 20000524  
Change: 000712 A1 International Patent Classification changed:  
20000524  
Change: 000607 A1 Title of invention (German) changed: 20000419  
Change: 000607 A1 Title of invention (English) changed: 20000419  
Change: 000607 A1 Title of invention (French) changed: 20000419  
Examination: 981216 A1 Date of filing of request for examination:  
980626  
Examination: 990901 A1 Date of dispatch of the first examination  
report: 19990713

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS A (English) 951 498  
SPEC A (English) 9851 126705  
Total word count - document A 127203  
Total word count - document B 0  
Total word count - documents A + B 127203

16/5/2 (Item 2 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2001 European Patent Office. All rts. reserv.

00967564

**NATURAL LANGUAGE META- SEARCH SYSTEM AND METHOD**  
**SYSTEME ET PROCEDE DE METARECHERCHE DE LANGAGE NATUREL**  
PATENT ASSIGNEE:

Practical Approach Corporation, (2574080), Suite C-210, 151 Frobisher  
Drive, Waterloo, Ontario N2V 2C9, (CA), (Applicant designated States:  
all)

INVENTOR:

REDFERN, Darren, M., 230 Brunswick Street, Stratford, Ontario N5A 3M4,  
(CA)

PATENT (CC, No, Kind, Date):

WO 9826357 980618

APPLICATION (CC, No, Date): WO 97951014 971209; WO 97CA970 971209

PRIORITY (CC, No, Date): US 769929 961209

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;  
MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: G06F-017/30

CITED PATENTS (WO A): P A A Y

CITED REFERENCES (WO A):

DATABASE INSPEC INSTITUTE OF ELECTRICAL ENGINEERS, STEVENAGE, GB Inspec  
No. AN5583922, XP002058810 & TOMAIUOLO N.G. ET AL: "Web Search  
Engines: Key to Locating Information for All Users or Only the  
Cognoscenti?" PROC. ONLINE INFORMATION MEETING, 3 - 5 December 1996,  
LONDON, pages 41-48,

SELBERG E ET AL: "THE METACRAWLER ARCHITECTURE FOR RESOURCE AGGREGATION  
ON THE WEB" IEEE EXPERT, vol. 12, no. 1, January 1997, pages 11-14,  
XP000689719

BALDAZO R: "NAVIGATING WITH A WEB COMPASS" BYTE, vol. 21, no. 3, 1 March  
1996, page 97/98 XP000600179

RODRIGUEZ G. ET AL.: "Alephweb: A Search Engine Based on the Federated  
Structure" PROC. 7TH. JOINT EUROPEAN NETWORKING CONFERENCE, 13 - 16  
May 1996, BUDAPEST, pages 112-1-112-10, XP002058809;

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 20000405 A1 International application. (Art. 158(1))

Application: 981118 A1 International application (Art. 158(1))

Withdrawal: 20000405 A1 Date application deemed withdrawn: 19990710

Appl Changed: 20000405 A1 International application not entering  
European phase

LANGUAGE (Publication,Procedural,Application): English; English; English

16/5/3 (Item 3 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2001 European Patent Office. All rts. reserv.

00895663

**A SYSTEM AND METHOD FOR FINDING INFORMATION IN A DISTRIBUTED INFORMATION**  
**SYSTEM USING QUERY LEARNING AND META SEARCH**  
**SYSTEME ET METHODE DE RECHERCHE D'INFORMATION DANS UN SYSTEME D'INFORMATION**  
**REPARTI PAR APPRENTISSAGE DE REQUETE ET META-RECHERCHE**  
PATENT ASSIGNEE:

AT & T Corp., (2349571), 131 Morristown Road, Basking Ridge, NJ 07920,  
(US), (Applicant designated States: all)

INVENTOR:

COHEN, William, W., 178 Belmont Avenue, North Plainfield, NJ 07060, (US)  
SINGER, Yoram, 36 Columbus Avenue, New Providence, NJ 07974, (US)

PATENT (CC, No, Kind, Date):

WO 9738377 971016  
APPLICATION (CC, No, Date): WO 97920020 970409; WO 97US5355 970409  
PRIORITY (CC, No, Date): US 15231 P 960410  
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;  
MC; NL; PT; SE  
INTERNATIONAL PATENT CLASS: G06F-017/30; G06F-019/00  
LEGAL STATUS (Type, Pub Date, Kind, Text):  
Application: 980107 A1 International application (Art. 158(1))  
Application: 991103 A1 International application. (Art. 158(1))  
Appl Changed: 991103 A1 International application not entering European  
phase  
Withdrawal: 991103 A1 Date application deemed withdrawn: 19981111  
LANGUAGE (Publication,Procedural,Application): English; English; English

16/5/4 (Item 4 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2001 European Patent Office. All rts. reserv.

00601068

Automatic telephone system

Automatisches Fernsprechsysteem

Systeme de telephonie automatique

PATENT ASSIGNEE:

Converse Network Systems, Inc., (2473550), 100 Quannapowitt Parkway,  
Wakefield, Massachusetts 01880, (US), (Proprietor designated states:  
all)

INVENTOR:

Jones, Scott A., 51 Paine Avenue, Prides Crossing, MA 01965, (US)

LEGAL REPRESENTATIVE:

Skone James, Robert Edmund (50281), GILL JENNINGS & EVERY Broadgate House  
7 Eldon Street, London EC2M 7LH, (GB)

PATENT (CC, No, Kind, Date): EP 588646 A2 940323 (Basic)

EP 588646 A3 940622

EP 588646 B1 000119

APPLICATION (CC, No, Date): EP 93307332 930916;

PRIORITY (CC, No, Date): US 946895 920918

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: H04M-003/42; H04M-003/50; H04M-003/54

CITED PATENTS (EP B): EP 295470 A; WO 92/22164 A; DE 3501814 A; US 4674115

A; US 5029196 A

CITED REFERENCES (EP B):

PATENT ABSTRACTS OF JAPAN vol. 12, no. 414 (E-677)2 November 1988 &

JP-A-63 152 258 (NEC CORP) 24 June 1988

IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS - ICC '90 vol. 4 , 15

April 1990 , ATLANTA US pages 1351 - 1357 XP146025 HATTORI ET AL.

'Personal communication - concept and architecture';

ABSTRACT EP 588646 A2

Equipment providing information services, whether installed near a central office or provided as part of a PBX includes a search service for generating a number of outdialing operations in an effort to reach a subscriber of the search service for a caller. A plurality of outdialing operations are initiated (66) simultaneously, sequentially, or as sets of calls in a sequence with each set including one or more simultaneously dialed telephone numbers. The numbers called may be extensions on a PBX, phone numbers within any area code, cellular phones, or any other type of number which can be reached by telephone. The caller is kept informed (128,130) of the success or failure of the outdialing operations and when the subscriber called by the caller is reached, the two are connected and any other outdialing operation is terminated. When all of the outdialing operations for one set of telephone numbers is unsuccessful, the next set in sequence is used in one or more new outdialing operations. (see image in original document)

ABSTRACT WORD COUNT: 171

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Da, Kind, Text):

Lapse: 001213 B1 Date of lapse of European Patent in a  
contracting state (Country, date): CH  
20000425, LI 20000425,  
Grant: 20000119 B1 Granted patent  
Lapse: 010221 B1 Date of lapse of European Patent in a  
contracting state (Country, date): AT  
20000119, BE 20000119, CH 20000119, LI  
20000119,  
Lapse: 001227 B1 Date of lapse of European Patent in a  
contracting state (Country, date): CH  
20000119, LI 20000119,  
Oppn None: 010103 B1 No opposition filed: 20001020  
Application: 940323 A2 Published application (A1with Search Report  
;A2without Search Report)  
Search Report: 940622 A3 Separate publication of the European or  
International search report  
Examination: 950222 A2 Date of filing of request for examination:  
941222  
Examination: 971112 A2 Date of despatch of first examination report:  
970930  
Assignee: 990811 A2 Transfer of rights to new applicant:  
Converse Network Systems, Inc. (2473550) 100  
Quannapowitt Parkway Wakefield, Massachusetts  
01880 US

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200003	1746
CLAIMS B	(German)	200003	1655
CLAIMS B	(French)	200003	2007
SPEC B	(English)	200003	5087
Total word count - document A			0
Total word count - document B			10495
Total word count - documents A + B			10495

16/5/5 (Item 5 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2001 European Patent Office. All rts. reserv.

00567648

**Combined camera system**

**Multifunktionelles Kamerasystem**

**Systeme de camera combine**

PATENT ASSIGNEE:

UNITED PARCEL SERVICE OF AMERICA, INC., (1605140), 400 Perimeter Center,  
Terraces North, Atlanta, GA 30346, (US), (applicant designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Smith, Steven L., 138 Pisgah Road, Oxford, CT 06478, (US)  
Mulligan, Joseph P., 278 Papurah Road, Fairfield, CT 06430, (US)

LEGAL REPRESENTATIVE:

Beetz & Partner Patentanwalte (100712), Steinsdorfstrasse 10, 80538  
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 571923 A2 931201 (Basic)  
EP 571923 A3 940316  
EP 571923 B1 990120

APPLICATION (CC, No, Date): EP 93108360 930524;

PRIORITY (CC, No, Date): US 889028 920526

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE

INTERNATIONAL PATENT CLASS: G06K-007/10; G06K-007/14;

CITED PATENTS (EP A): US 4874936 A

CITED REFERENCES (EP A):

PATENT ABSTRACTS OF JAPAN vol. 10, no. 209 (E-421)22 July 1986  
PATENT ABSTRACTS OF JAPAN vol. 17, no. 178 (E-1347)7 April 1993  
PATENT ABSTRACTS OF JAPAN vol. 14, no. 118 (C-697)6 March 1990;

ABSTRACT EP 571923 A2

The camera system (10,100) of the present invention simultaneously searches for a number of differing optical acquisition targets (44). Upon detecting an acquisition target (44) it decodes according to corresponding differing decoding algorithms. To facilitate this operation there is a system bus (170) as well as a dedicated data bus (172) for applying a scan signal of an optical scanning device (154) to differing detection circuitry. This system may decode, for example, both bar codes and concentric rings. The scan signal is constantly adjusted according to both a dark reference for correcting offset and a white reference for correcting gain. The gain is also corrected according to the scanning rate as well as the amount of illumination present. A measure of this illumination may be applied directly to the optical scanning device (154) by way of a fiber optic cable (402) which transmits light from the illumination source (15). When detecting concentric rings the system of the present invention uses stored templates which represent a number of transformations of the target (44), for example, a number of magnifications. When the transformation of a target (44) is determined, the corresponding stored template is correlated with the scan signal from the optical scanning device (154). To detect concentric rings the scan signal is applied to interleaving circuitry (180) which correlates more than one scan at a time to provide constant throughput even though the stages of the detector operate at different speeds. Optical calibration is eliminated by fixed optics wherein all optical elements are rigidly mounted at very close tolerances. The illumination source (15) is disposed on one focus (22) of an ellipse (18) wherein the other focus (24) is disposed at the maximum scanning distance and the reflector (14) is formed to define the illumination ellipse (18) to maximize the light applied to the object (42). The various heat producing elements are disposed in sealed compartments (40a,c) which are cooled by forced air which is circulated through a heat exchanger. A real time focusing system (500) is provided wherein the distance from the scanning device (154) to an opposing surface (20,42) is constantly monitored and the system is constantly focused according to the distance. (see image in original document)

ABSTRACT WORD COUNT: 370

LEGAL STATUS (Type, Pub Date, Kind, Text):

Oppn None: 20000112 B1 No opposition filed: 19991021  
 Application: 931201 A2 Published application (A1with Search Report ;A2without Search Report)  
 Lapse: 20000322 B1 Date of lapse of European Patent in a contracting state (Country, date): DE 19990421,  
 Change: 940126 A2 Obligatory supplementary classification (change)  
 Search Report: 940316 A3 Separate publication of the European or International search report  
 Change: 940316 A2 Representative (change)  
 Examination: 941109 A2 Date of filing of request for examination: 940905  
 Examination: 970514 A2 Date of despatch of first examination report: 970401  
 Grant: 990120 B1 Granted patent

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9903	500
CLAIMS B	(German)	9903	439
CLAIMS B	(French)	9903	590
SPEC B	(English)	9903	11983
Total word count - document A			0
Total word count - document B			13512
Total word count - documents A + B			13512

00567634

**Method and system for target image acquisition**

**Verfahren und System zur Zielbildererkennung**

**Methode et système pour l'acquisition d'une image**

**PATENT ASSIGNEE:**

UNITED PARCEL SERVICE OF AMERICA, INC., (1605140), 400 Perimeter Center,  
Terraces North, Atlanta, GA 30346, (US), (applicant designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

**INVENTOR:**

Skinger, Gregory P., 45 Winterwood Drive, Southbury, CT 06488, (US)

**LEGAL REPRESENTATIVE:**

Beetz & Partner Patentanwälte (100712), Steinsdorfstrasse 10, 80538  
München, (DE)

PATENT (CC, No, Kind, Date): EP 571913 A2 931201 (Basic)  
EP 571913 A3 940323  
EP 571913 B1 990804

APPLICATION (CC, No, Date): EP 93108344 930524;

PRIORITY (CC, No, Date): US 889019 920526

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE

INTERNATIONAL PATENT CLASS: G06K-007/10; G06K-007/14; G06K-019/06;

CITED PATENTS (EP A): US 5039847 A; US 4896029 A; US 4874936 A; WO 9301566  
A; US 4826285 A

**ABSTRACT EP 571913 A2**

The camera system (10,100) of the present invention simultaneously searches for a number of differing optical acquisition targets (44). Upon detecting an acquisition target (44) it decodes according to corresponding differing decoding algorithms. To facilitate this operation there is a system bus (170) as well as a dedicated data bus (172) for applying a scan signal of an optical scanning device (154) to differing detection circuitry. This system may decode, for example, both bar codes and concentric rings. The scan signal is constantly adjusted according to both a dark reference for correcting offset and a white reference for correcting gain. The gain is also corrected according to the scanning rate as well as the amount of illumination present. A measure of this illumination may be applied directly to the optical scanning device (154) by way of a fiber optic cable (402) which transmits light from the illumination source (15). When detecting concentric rings the system of the present invention uses stored templates which represent a number of transformations of the target (44), for example, a number of magnifications. When the transformation of a target (44) is determined, the corresponding stored template is correlated with the scan signal from the optical scanning device (154). To detect concentric rings the scan signal is applied to interleaving circuitry (180) which correlates more than one scan at a time to provide constant throughput even though the stages of the detector operate at different speeds. Optical calibration is eliminated by fixed optics wherein all optical elements are rigidly mounted at very close tolerances. The illumination source (15) is disposed on one focus (22) of an ellipse (18) wherein the other focus (24) is disposed at the maximum scanning distance and the reflector (14) is formed to define the illumination ellipse (18) to maximize the light applied to the object (42). The various heat producing elements are disposed in sealed compartments (40a,b,c) which are cooled by forced air which is circulated through a heat exchanger. A real time focusing system is provided wherein the distance from the scanning device to an opposing surface is constantly monitored and the system is constantly focused according to the distance. (see image in original document)

ABSTRACT WORD COUNT: 368

**LEGAL STATUS (Type, Pub Date, Kind, Text):**

Oppn None: 000719 B1 No opposition filed: 20000505  
Application: 931201 A2 Published application (A1with Search Report  
;A2without Search Report)  
Change: 940126 A2 Obligatory supplementary classification  
(change)

Change: 940316 A Representative (change)  
Search Report: 940323 A3 Separate publication of the European or  
International search report  
Examination: 941109 A2 Date of filing of request for examination:  
940913  
Examination: 970514 A2 Date of despatch of first examination report:  
970401  
Change: 990127 A2 Title of invention (German) (change)  
Change: 990127 A2 Title of invention (English) (change)  
Change: 990127 A2 Title of invention (French) (change)  
Grant: 990804 B1 Granted patent

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9931	360
CLAIMS B	(German)	9931	350
CLAIMS B	(French)	9931	404
SPEC B	(English)	9931	11994
Total word count - document A			0
Total word count - document B			13108
Total word count - documents A + B			13108

16/5/7 (Item 7 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2001 European Patent Office. All rts. reserv.

00567505

**Multiple code camera system**

**Kameralesevorrichtung fur verschiedene Kodes**

**Systeme de lecture par camera pour codes multiples**

**PATENT ASSIGNEE:**

UNITED PARCEL SERVICE OF AMERICA, INC., (1605140), 400 Perimeter Center,  
Terraces North, Atlanta, GA 30346, (US), (Proprietor designated states:  
all)

**INVENTOR:**

Hess, William D., 7K Mullholland Drive, Fishkill, NY 12524, (US)  
Skinger, Gregory P., 45 Winterwood Drive, Southbury, CT 06488, (US)

**LEGAL REPRESENTATIVE:**

Beetz & Partner Patentanwalte (100712), Steinsdorfstrasse 10, 80538  
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 571892 A2 931201 (Basic)  
EP 571892 A3 940420  
EP 571892 B1 991013

APPLICATION (CC, No, Date): EP 93108176 930519;

PRIORITY (CC, No, Date): US 889105 920526

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE

INTERNATIONAL PATENT CLASS: G06K-007/10

CITED PATENTS (EP A): US 4408344 A; US 4408344 A; US 4896029 A; EP 159608 A  
; EP 115558 A; FR 1578217 A

CITED PATENTS (EP B): EP 115558 A; EP 159608 A; FR 1578217 A; US 4408344 A;  
US 4896029 A

**CITED REFERENCES (EP A):**

PATENT ABSTRACTS OF JAPAN vol. 015, no. 492 (P-1287)12 December 1991 &  
JP-A-03 212 783 (RICOH CO LTD) 18 September 1991;

**CITED REFERENCES (EP B):**

PATENT ABSTRACTS OF JAPAN vol. 015, no. 492 (P-1287)12 December 1991 &  
JP-A-03 212 783 (RICOH CO LTD) 18 September 1991;

**ABSTRACT EP 571892 A2**

The camera system (10,100) of the present invention simultaneously  
searches for a number of differing optical acquisition targets (44). Upon  
detecting an acquisition target (44) it decodes according to  
corresponding differing decoding algorithms. To facilitate this operation  
there is a system bus (170) as well as a dedicated data bus (172) for  
applying a scan signal of an optical scanning device (154) to differing  
detection circuitry. This system may decode, for example, both bar codes

and concentric rings. The scan signal is constantly adjusted according to both a dark reference for correcting offset and a white reference for correcting gain. The gain is also corrected according to the scanning rate as well as the amount of illumination present. A measure of this illumination may be applied directly to the optical scanning device (154) by way of a fiber optic cable (402) which transmits light from the illumination source (15). When detecting concentric rings the system of the present invention uses stored templates which represent a number of transformations of the target (44), for example, a number of magnifications. When the transformation of a target (44) is determined, the corresponding stored template is correlated with the scan signal from the optical scanning device (154). To detect concentric rings the scan signal is applied to interleaving circuitry (180) which correlates more than one scan at a time to provide constant throughput even though the stages of the detector operate at different speeds. Optical calibration is eliminated by fixed optics wherein all optical elements are rigidly mounted at very close tolerances. The illumination source (15) is disposed on one focus (22) of an ellipse (18) wherein the other focus (24) is disposed at the maximum scanning distance and the reflector (14) is formed to define the illumination ellipse (18) to maximize the light applied to the object (42). The various heat producing elements are disposed in sealed compartments (40a,b,c) which are cooled by forced air which is circulated through a heat exchanger. A real time focusing system is provided wherein the distance from the scanning device to an opposing surface is constantly monitored and the system is constantly focused according to the distance. (see image in original document)

ABSTRACT WORD COUNT: 368

NOTE:

Figure number on first page: 4

LEGAL STATUS (Type, Pub Date, Kind, Text):

Oppn None: 000927 B1 No opposition filed: 20000714  
 Application: 931201 A2 Published application (A1with Search Report  
 ;A2without Search Report)  
 Change: 940316 A2 Representative (change)  
 Search Report: 940420 A3 Separate publication of the European or  
 International search report  
 Examination: 941214 A2 Date of filing of request for examination:  
 941012  
 Examination: 970514 A2 Date of despatch of first examination report:  
 970401  
 Grant: 991013 B1 Granted patent

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9941	3064
CLAIMS B	(German)	9941	2856
CLAIMS B	(French)	9941	3471
SPEC B	(English)	9941	11961
Total word count - document A			0
Total word count - document B			21352
Total word count - documents A + B			21352

16/5/8 (Item 8 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2001 European Patent Office. All rts. reserv.

00564325

Document information search method and system

Dokumentinformationssuchverfahren und -system

Procede et dispositif de recherche d'informations de documents

PATENT ASSIGNEE:

Hitachi, Ltd., (204141), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo  
 101, (JP), (Proprietor designated states: all)

INVENTOR:

Hatakeyama, Atsushi, 14-6, Nishikoigakubo-4-chome, Kokubunji-shi, (JP)  
 Kato, Kanji, 5297-5-4, Yamaguchi, Tokorozawa-shi, (JP)

Asakawa, Satoshi, 20-6-5-1, Koyamichi-2-chome, Hirakata-shi, (JP)  
Kawaguchi, Hisamitsu, 4-31, Isobe, Sagamihara-shi, (JP)

LEGAL REPRESENTATIVE:

Beetz & Partner Patentanwalte (100712), Steinsdorfstrasse 10, 80538  
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 561364 A2 930922 (Basic)  
EP 561364 A3 940309  
EP 561364 B1 000531

APPLICATION (CC, No, Date): EP 93104303 930316;

PRIORITY (CC, No, Date): JP 9263064 920319

DESIGNATED STATES: DE; FR

INTERNATIONAL PATENT CLASS: G06F-017/30

CITED REFERENCES (EP A):

ACM TRANSACTIONS ON DATABASE SYSTEMS. vol. 13, no. 1, March 1988, NEW  
YORK US pages 23 - 52 SELLIS T.K. 'Multiple-Query Optimization'  
IEEE SECOND INTERNATIONAL WORKSHOP ON RESEARCH ISSUES ON DATA  
ENGINEERING: TRANSACTION AND QUERY PROCESSING, CAT. NO. 92TH0417-6, 3  
February 1992, TEMPE, AZ, USA pages 157 - 162 ALSABBAGH J.R., RAGHAVAN  
V.V. 'A framework for multiple-query optimization'  
PARBASE-90 INTERNATIONAL CONFERENCE ON DATABASES, PARALLEL ARCHITECTURES  
AND THEIR APPLICATIONS, CAT. NO. 90CH2728-4 9 March 1990, MIAMI BEACH,  
FL, USA page 535 KANG M.H., DIETZ H.G 'algorithm choice for  
multiple-query evaluation';

CITED REFERENCES (EP B):

ACM TRANSACTIONS ON DATABASE SYSTEMS. vol. 13, no. 1, March 1988, NEW  
YORK US pages 23 - 52 SELLIS T.K. 'Multiple-Query Optimization'  
IEEE SECOND INTERNATIONAL WORKSHOP ON RESEARCH ISSUES ON DATA  
ENGINEERING: TRANSACTION AND QUERY PROCESSING, CAT. NO. 92TH0417-6, 3  
February 1992, TEMPE, AZ, USA pages 157 - 162 ALSABBAGH J.R., RAGHAVAN  
V.V. 'A framework for multiple-query optimization'  
PARBASE-90 INTERNATIONAL CONFERENCE ON DATABASES, PARALLEL ARCHITECTURES  
AND THEIR APPLICATIONS, CAT. NO. 90CH2728-4 9 March 1990, MIAMI BEACH,  
FL, USA page 535 KANG M.H., DIETZ H.G 'algorithm choice for  
multiple-query evaluation';

ABSTRACT EP 561364 A2

A document search method and system for searching and retrieving a  
document containing a specific character string in response to search  
requests issued by a plurality of search request sources (100; 1300).  
When a search request is received in the course of execution of a search  
processing for another search request, the former is stored in a queue  
buffer (130; 1320). When a plurality of search requests have been stored  
in the queue buffer in this manner, a search processing is performed en  
bloc for the plurality of search requests as stored. The results of  
search processing as performed are then distributively outputted to the  
relevant search request sources (100; 1300), respectively. Output buffers  
for storing a set of search results of the search processings performed  
in the past may be provided in correspondence to the search request  
sources, respectively, for thereby screening the documents for which the  
character string search is to be performed. A high-efficiency and  
high-speed search can be accomplished for a plurality of search request  
sources. (see image in original document)

ABSTRACT WORD COUNT: 177

NOTE:

Figure number on first page: 5

LEGAL STATUS (Type, Pub Date, Kind, Text):

Grant: 000531 B1 Granted patent  
Application: 930922 A2 Published application (A1with Search Report  
;A2without Search Report)  
Search Report: 940309 A3 Separate publication of the European or  
International search report  
Change: 940316 A2 Representative (change)  
Examination: 940330 A2 Date of filing of request for examination:  
940131  
Examination: 990210 A2 Date of despatch of first examination report:  
981228  
Change: 990714 A2 International patent classification (change)

Change: 990721 A2 International patent classification (change)  
LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200022	1450
CLAIMS B	(German)	200022	1170
CLAIMS B	(French)	200022	1804
SPEC B	(English)	200022	11366
Total word count - document A			0
Total word count - document B			15790
Total word count - documents A + B			15790

16/5/9 (Item 9 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2001 European Patent Office. All rts. reserv.

00411872

INTELLIGENT OPTICAL NAVIGATOR DYNAMIC INFORMATION PRESENTATION AND  
NAVIGATION SYSTEM

INTELLIGENTES OPTISCHES SCHIFFFAHRTSINFORMATIONSANZEIGE- UND NAVIGATIONSSYST  
EM

SYSTEME DE NAVIGATION ET DE PRESENTATION D'INFORMATIONS DYNAMIQUES OPTIQUES  
INTELLIGENTES

PATENT ASSIGNEE:

MINNESOTA MINING AND MANUFACTURING COMPANY, (300410), 3M Center, P.O. Box  
33427, St. Paul, Minnesota 55133-3427, (US), (applicant designated  
states: BE;DE;FR;GB;IT;NL;SE)

INVENTOR:

GARBER, Sharon, R., P.O. Box 33427, Saint Paul, MN 55133, (US)  
KOZAK, Darryn, J., P.O. Box 33427, Saint Paul, MN 55133, (US)  
KRUSE, John, M., P.O. Box 33427, Saint Paul, MN 55133, (US)  
CLARE, Mark, K., P.O. Box 33427, Saint Paul, MN 55133, (US)

LEGAL REPRESENTATIVE:

Molyneaux, Martyn William et al (34015), Langner Parry 52-54 High Holborn  
, London WC1V 6RR, (GB)

PATENT (CC, No, Kind, Date): EP 436663 A1 910717 (Basic)  
EP 436663 B1 961211  
WO 9004231 900419

APPLICATION (CC, No, Date): EP 89912031 891003; WO 89US4386 891003

PRIORITY (CC, No, Date): US 252917 881003

DESIGNATED STATES: BE; DE; FR; GB; IT; NL; SE

INTERNATIONAL PATENT CLASS: G06F-017/30;

CITED PATENTS (WO A): FR 2607284 A; EP 130050 A

CITED REFERENCES (EP A):

See also references of WO9004231;

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 910717 A1 Published application (A1with Search Report  
;A2without Search Report)

Examination: 910717 A1 Date of filing of request for examination:  
910403

Examination: 940511 A1 Date of despatch of first examination report:  
940325

Change: 951220 A1 Representative (change)

Grant: 961211 B1 Granted patent

Oppn None: 971203 B1 No opposition filed

Lapse: 980311 B1 Date of lapse of the European patent in a  
Contracting State: SE 970311

Lapse: 991020 B1 Date of lapse of European Patent in a  
contracting state (Country, date): IT  
19961211, SE 19970311,

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB96	2162
CLAIMS B	(German)	EPAB96	2179

CLAIMS B (French) EPAB96 2693  
SPEC B (English) EPAB96 32088  
Total word count - document A 0  
Total word count - document B 39122  
Total word count - documents A + B 39122

16/5/10 (Item 10 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2001 European Patent Office. All rts. reserv.

00390585

Image display system  
Bildanzeigesystem  
Systeme d'affichage d'image

PATENT ASSIGNEE:

KABUSHIKI KAISHA TOSHIBA, (213130), 72, Horikawa-cho, Saiwai-ku,  
Kawasaki-shi, Kanagawa-ken 210, Tokyo, (JP), (applicant designated  
states: DE;NL)

INVENTOR:

Nishikawa, Mineki, c/o Intellectual Property Div., Kabushiki Kaisha  
Toshiba, 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105, (JP)  
Oikawa, Daizo, c/o Intellectual Property Div., Kabushiki Kaisha Toshiba,  
1-1 Shibaura 1-chome, Minato-ku, Tokyo 105, (JP)

LEGAL REPRESENTATIVE:

Blumbach, Kramer & Partner (101302), Patentanwalte Radeckestrasse 43,  
D-81245 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 390164 A2 901003 (Basic)  
EP 390164 A3 920812  
EP 390164 B1 960306

APPLICATION (CC, No, Date): EP 90106061 900329;

PRIORITY (CC, No, Date): JP 8983533 890331

DESIGNATED STATES: DE; NL

INTERNATIONAL PATENT CLASS: G06F-003/033; G06T-001/00; G06F-017/00;  
G06F-159/00

CITED PATENTS (EP A): WO 8800026 A

CITED REFERENCES (EP A):

REVIEW OF THE ELECTRICAL COMMUNICATION LABORATORIES. vol. 36, no. 4, July  
1988, TOKYO JP pages 411 - 417; TAKAHASHI Y., NOMURA T., KOHDA S.,  
KAWADA T.: 'A new overhead projection system using a 400X640 pixel  
active-matrix LCD';

ABSTRACT EP 390164 A2

An image display system, which converts image data into display data in  
accordance with display parameters to display image information,  
comprises a reduction display section (13-17), a display parameter  
control section (13,14), a designation section (18-20) and a display  
section (13-17). The reduction display section (13-17) displays a  
plurality of reduced image aligned at least in one predetermined  
direction. The parameter control section (13,14) gives display parameters  
gradually differing along the predetermined direction to the plurality of  
reduced images to be displayed by the reduction display section (13-17).  
The designation section (18-20) specifies positions at least along the  
predetermined direction on the plurality of reduced images to be  
displayed by the reduction display section (13-17). The display section  
(13-17) displays an unreduced image specified by parameters corresponding  
to the positions specified by the designation section (18-20),  
independently of the plurality of reduced images. (see image in  
original document)

ABSTRACT WORD COUNT: 152

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 901003 A2 Published application (Alwith Search Report  
;A2without Search Report)

Examination: 901003 A2 Date of filing of request for examination:  
900329

Search Report: 920812 A3 Separate publication of the European or  
International search report

Examination: 931110 Date of despatch of first examination report: 930928  
 Change: 950503 A2 Representative (change)  
 Grant: 960306 B1 Granted patent  
 Oppn None: 970226 B1 No opposition filed  
 LANGUAGE (Publication,Procedural,Application): English; English; English  
 FULLTEXT AVAILABILITY:  

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	655
CLAIMS B	(English)	EPAB96	352
CLAIMS B	(German)	EPAB96	321
CLAIMS B	(French)	EPAB96	387
SPEC A	(English)	EPABF1	2033
SPEC B	(English)	EPAB96	2011
Total word count - document A			2688
Total word count - document B			3071
Total word count - documents A + B			5759

16/5/11 (Item 11 from file: 348)  
 DIALOG(R)File 348:EUROPEAN PATENTS  
 (c) 2001 European Patent Office. All rts. reserv.

00373466

**Engine control system.**

**Steuerungssystem für Innenverbrennungsmotoren.**

**Systeme de commande de moteur a combustion interne.**

PATENT ASSIGNEE:

HONDA GIKEN KOGYO KABUSHIKI KAISHA, (237839), 1-1, Minamiaoyama 2-chome, Minato-ku Tokyo, (JP), (applicant designated states: DE;GB)

INVENTOR:

Akiyama, Eitetsu, K.K. Honda Gijutsu Kenkyusho 4-1 Chuo 1-chome, Wako-shi Saitama-ken, (JP)

Kishi, Noriyuki, K.K. Honda Gijutsu Kenkyusho 4-1 Chuo 1-chome, Wako-shi Saitama-ken, (JP)

LEGAL REPRESENTATIVE:

Tomlinson, Kerry John et al (36771), Frank B. Dehn & Co. European Patent Attorneys Imperial House 15-19 Kingsway, London WC2B 6UZ, (GB)

PATENT (CC, No, Kind, Date): EP 376703 A2 900704 (Basic)

EP 376703 A3 901010

EP 376703 B1 931222

APPLICATION (CC, No, Date): EP 89313622 891227;

PRIORITY (CC, No, Date): JP 88328551 881226

DESIGNATED STATES: DE; GB

INTERNATIONAL PATENT CLASS: F01L-001/26; F02D-033/02; F02D-041/12;

F02B-037/00;

CITED PATENTS (EP A): US 4698972 A; US 4660382 A; GB 2160260 A

CITED REFERENCES (EP A):

PATENT ABSTRACTS OF JAPAN, vol. 009, no. 311 (M-436), 7th December 1985; & JP-A-60 145 420 (NISSAN JIDOSHA K.K.) 31-07-1985

PATENT ABSTRACTS OF JAPAN, vol. 013, no. 335 (M-856), 27th July 1989; & JP-A-01 113 519 (HINO MOTORS LTD) 02-05-1989;

ABSTRACT EP 376703 A2

An engine control system comprising a variable valve actuating mechanism (14) for an engine (1) which may consist of a mechanism capable of varying valve timing, a variable capacity supercharger (7) which may consist of a turbocharger provided with moveable vanes for varying a cross sectional area of an exhaust gas passage leading to a turbine wheel, and a control unit (21) for controlling a valve actuating operation of the valve actuating mechanism and a capacity varying operation of the variable capacity supercharger. The capacity of the supercharger is controlled by taking into account the operating conditions of the valve actuating mechanism. Thus, the control unit is capable of achieving a precise and prompt control action, and, by appropriately determining the control plan, it is possible to increase the maximum output of the engine and/or to reduce strain on the engine.

ABSTRACT WORD COUNT: 145

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 900704 A2 Published application (A1with Search Report  
;A2without Search Report)  
Search Report: 901010 A3 Separate publication of the European or  
International search report  
Examination: 910123 A2 Date of filing of request for examination:  
901122  
Examination: 920408 A2 Date of despatch of first examination report:  
920224  
Grant: 931222 B1 Granted patent  
Oppn None: 941214 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	430
CLAIMS B	(German)	EPBBF1	334
CLAIMS B	(French)	EPBBF1	526
SPEC B	(English)	EPBBF1	14298
Total word count - document A			0
Total word count - document B			15588
Total word count - documents A + B			15588

16/5/12 (Item 12 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2001 European Patent Office. All rts. reserv.

00295354

**Method and apparatus for processing ideographic characters.**

**Verfahren und Vorrichtung zur Verarbeitung von ideographischen Zeichen.**

**Methode et appareil pour le traitement de caracteres ideographiques.**

PATENT ASSIGNEE:

SINO BUSINESS MACHINES, INC., (999930), 225 Broadway, Suite 1725, San  
Diego, CA 92101, (US), (applicant designated states: BE;DE;FR;GB;IT;NL)

INVENTOR:

Monroe, James C., 5335 Pacifica Drive, San Diego, CA 92109, (US)  
Knoche, Thomas A., 4035 Tambor Road, San Diego, CA 92124, (US)  
Roberts, Stephen E., 4972 Madison Street, San Diego, CA, (US)

LEGAL REPRESENTATIVE:

Heidrich, Udo, Dr. jur., Dipl.-Phys. (5091), Franziskanerstrasse 30,  
D-8000 Munchen 80, (DE)

PATENT (CC, No, Kind, Date): EP 300495 A2 890125 (Basic)  
EP 300495 A3 910703

APPLICATION (CC, No, Date): EP 88111862 880722;

PRIORITY (CC, No, Date): US 77600 870723

DESIGNATED STATES: BE; DE; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: G06F-003/00; B41J-003/00;

CITED PATENTS (EP A): EP 204536 A; EP 204536 A; EP 204536 A; EP 87871 A

ABSTRACT EP 300495 A2

A method and apparatus for generating an ideographic character in response to an operator input. The apparatus includes an input device which generates a series of input signals in response to an input sequence of writing strokes corresponding to identifiable constituent characteristics of an ideographic character contained in a set of ideographic characters. A processor stores a library of character representations, each character representation in the library of character representations represents a respective character of the set of ideographic characters and each character representation being identified according to predetermined constituent characteristics of the represented ideographic character. The processor is responsive to the input signals for selecting a character representation from the library of character representations. The processor upon selection of a character representation provides the selected character representation as an output signal.

ABSTRACT WORD COUNT: 136

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 890125 A2 Published application (Alwith Search Report  
;A2without Search Report)  
Search Report: 910703 A3 Separate publication of the European or  
International search report  
Examination: 920304 A2 Date of filing of request for examination:  
920103  
Withdrawal: 940727 A2 Date on which the European patent application  
was deemed to be withdrawn: 940201

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1722
SPEC A	(English)	EPABF1	8134
Total word count - document A			9856
Total word count - document B			0
Total word count - documents A + B			9856

16/5/13 (Item 13 from file: 349)

DIALOG(R)File 349:PCT Fulltext

(c) 2001 WIPO/MicroPat. All rts. reserv.

00548575 \*\*Image available\*\*

**MANAGING FEATURE INTERACTIONS IN A TELECOMMUNICATIONS SYSTEM SUCH AS AN INTELLIGENT NETWORK**

**GESTION D'INTERACTIONS FONCTIONNELLES DANS UN SYSTEME DE TELECOMMUNICATIONS DU TYPE RESEAU INTELLIGENT**

Patent Applicant/Assignee:

BELL COMMUNICATIONS RESEARCH INC, BELL COMMUNICATIONS RESEARCH, INC. ,  
445 South Street, Morristown, NJ 07960&shy;6438 , US

Inventor(s):

LIN Fuchun J, LIN, Fuchun, J. , 38 Forest Way, Morris Plains, NJ 07950 ,  
US

PINHEIRO Robert A, PINHEIRO, Robert, A. , 228 Grove Street, Westfield, NJ  
07090 , US

Patent and Priority Information (Country, Number, Date):

Patent: WO 9750232 A1 19971231

Application: WO 97US11040 19970625 (PCT/WO US9711040)

Priority Application: US 9620554 19960626

Designated States: CA JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: H04M-003/42;

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 17915

English Abstract

A method for managing communications between a service origination node (104) and a plurality of serving nodes (108, 202, 204) where the serving nodes (108, 202, 204) are simultaneously active for a particular trigger (116) to thereby generate a reply to the service origination node. The method includes the step of determining control options for each trigger indicative of service categories by capturing service interaction principles supplied by a serving node services expert acting as a mentor. The service interaction principles are based upon a requirement of executing service categories in each of the serving nodes for each trigger. The method also includes the step of controlling execution of each of the service nodes and the service categories for the particular trigger with reference to the control options to generate the reply.

French Abstract

L'invention concerne un procede pour la gestion des interactions du type noeud d'origine du service (104)/pluralite de noeuds serveurs (108, 202, 204) agissant simultanement pour un declenchement specifique (116) en

reponse au noeud d'origine du service. Le procede consiste a determiner les modalites de commande pour chaque declenchement correspondant a telle ou telle categorie de service en integrant les principes d'interaction de services fournis par un systeme expert des services de noeud serveur qui tient lieu de mentor. Les principes relatifs aux interactions de service sont dictes par la mise en oeuvre des categories de service dans chacun des noeuds serveurs, en fonction du declenchement. Le procede inclut la commande d'execution pour l'ensemble des noeuds et des categories de service, aux fins de reponse selon le declenchement et les modalites de commande.

16/5/14 (Item 14 from file: 349)

DIALOG(R) File 349:PCT Fulltext

(c) 2001 WIPO/MicroPat. All rts. reserv.

00509449 \*\*Image available\*\*

ROYALTY MANAGEMENT IN AN INFORMATION RETRIEVAL SYSTEM

GESTION DES REDEVANCES DANS UN SYSTEME DE RECHERCHE DOCUMENTAIRE

Patent Applicant/Assignee:

INFONAUTICS CORPORATION

Inventor(s):

HUSICK Lawrence A

KOPELMAN Joshua

MORGAN Howard

WEINBERGER Marvin I

Patent and Priority Information (Country, Number, Date):

Patent: WO 9710542 A1 19970320

Application: WO 96US14986 19960913 (PCT/WO US9614986)

Priority Application: US 95529245 19950915

Designated States: AU CA CN JP MX NZ AT BE CH DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE

Main International Patent Class: G06F-003/14 ;

International Patent Class: G06F-017/21; G09C-003/00; G09C-005/00;

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 22883

English Abstract

A method for searching an information retrieval system (110) having a database (118) containing a plurality of documents from a plurality of document sources in response to a query from a user. A document log table is provided for tabulating document information of documents selected in response to a query from the user. The query is received from the user (102) and a document is selected in response to the received query (116). The document log table is adjusted in response to the selecting of the document.

French Abstract

L'invention concerne un procede pour chercher une information par un systeme de recherche documentaire (110) ayant une base de donnees (118) contenant une pluralite de documents d'une pluralite de sources, en reponse a une demande de l'utilisateur. Un tableau est prevu pour recevoir la liste des documents identifies lors de la recherche documentaire. L'utilisateur (102) fait sa demande et cette demande (116) initie la selection de documents. Le resultat de la recherche documentaire est donne dans le tableau en question.

16/5/15 (Item 15 from file: 349)

DIALOG(R) File 349:PCT Fulltext

(c) 2001 WIPO/MicroPat. All rts. reserv.

00445343

IMPROVED END-USER INTERACTIVE ACCESS TO THE WORLD- WIDE WEB VIA THE  
INTERNET

ACCES UTILISATEUR TERMINAL INTERACTIF AMELIORE A WEB MONDIAL PAR  
L'INTERMEDIAIRE D' INTERNET

Patent Applicant/Assignee:

GESHWIND David M

Inventor(s):

GESHWIND David M

Patent and Priority Information (Country, Number, Date):

Patent: WO 9641284 A1 19961219

Application: WO 96US9814 19960607 (PCT/WO US9609814)

Priority Application: US 95483205 19950607

Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU

IL JP KE KG KP LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SI

SK TJ TT UA US KE LS MW SD SZ UG AT BE CH DE DK ES FI FR GB GR IE IT LU

MC NL PT SE BF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-017/30;

International Patent Class: G06F-013/37 ; G06F-013/30 ;

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 15815

English Abstract

Procedures and systems for speeding up end-user access of large interlinked databases over communication networks such as the **internet** . Predicting user requests is accomplished by artificially intelligent assistant. These requests are prioritized and augmented protocols are used to download in a weighted interleaved fashion multiple information resources.

French Abstract

Procedes et dispositifs permettant d'accelerer l'accès d'un utilisateur terminal a des bases de donnees importantes, reliees entre elles, par l'intermediaire de reseaux de telecommunications, tels qu'**Internet** . La prediction des demandes de l'utilisateur s'effectue au moyen d'une intelligence artificielle. Ces demandes sont mises en priorite et des protocoles augmentes sont utilises, afin de telecharger des ressources multiples d'informations de facon imbriquee et ponderee.

16/5/16 (Item 16 from file: 349)

DIALOG(R)File 349:PCT Fulltext

(c) 2001 WIPO/MicroPat. All rts. reserv.

00412421

METHOD AND APPARATUS FOR GLOBAL-TO-LOCAL BLOCK MOTION ESTIMATION

PROCEDE ET APPAREIL D'ESTIMATION DES MOUVEMENTS DE BLOCS DU GLOBAL VERS LE LOCAL

Patent Applicant/Assignee:

DAVID SARNOFF RESEARCH CENTER INC

Inventor(s):

JU Chi Hong John

Patent and Priority Information (Country, Number, Date):

Patent: WO 9608114 A1 19960314

Application: WO 95US10986 19950905 (PCT/WO US9510986)

Priority Application: US 94300023 19940902

Designated States: CA JP KR MX AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: H04N-007/28;

International Patent Class: H04N-007/36;

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6113

English Abstract

Apparatus and a concomitant method for estimating motion vectors having

as an input a first image frame (300) and a second image frame (302), each containing a plurality of pixels representing an image. The apparatus comprises: a pyramid processor (102) for decimating a search area (316) within the first image frame (300) to produce a reduced resolution search area (304) and for decimating a block of pixels in the second image frame (302) to produce a reduced resolution pixel block (308); global search system (104) for performing a global search within the reduced resolution search area (310) using the reduced resolution pixel block (308) until the reduced resolution pixel block substantially matches a matching block of pixels in the reduced resolution search area (310); and means (106) for computing an estimated motion vector representing a distance between a location of the reduced resolution pixel block within the second image frame and a location of the matching block of pixels within the first image frame.

#### French Abstract

Appareil et procede concomitant d'evaluation de vecteurs de mouvement utilisant comme entree une premiere (300) et une deuxieme image (302) contenant chacune une serie de pixels representant une scene. L'appareil comporte: un processeur pyramidal (102) reduisant une zone de recherche (316) de la premiere image (300) pour creer une zone de recherche de resolution moindre (304) et reduisant un bloc de pixels de la deuxieme image (302) pour produire un bloc de pixels (308) de resolution moindre: un systeme global de recherche (104) effectuant une recherche globale dans la zone de recherche de resolution moindre (310) a l'aide du bloc de pixels (308) de resolution moindre jusqu'a ce que ce dernier corresponde sensiblement a un bloc correspondant de pixels de la zone de recherche de resolution moindre (310); et des moyens (106) de calcul d'un vecteur estime de mouvement representant la distance entre l'emplacement du bloc de pixels de resolution moindre a l'interieur de la seconde image et l'emplacement du bloc de pixels correspondant a l'interieur de la premiere image.

16/5/17 (Item 17 from file: 349)

DIALOG(R)File 349:PCT Fulltext

(c) 2001 WIPO/MicroPat. All rts. reserv.

00396795

#### DATA BASE SEARCHING SYSTEM

#### SYSTEME DE RECHERCHE DE BASE DE DONNEES

Patent Applicant/Assignee:

ABDULLAH Ayad Abdulgabar

Inventor(s):

ABDULLAH Ayad Abdulgabar

Patent and Priority Information (Country, Number, Date):

Patent: WO 9527947 A1 19951019

Application: WO 95GB803 19950406 (PCT/WO GB9500803)

Priority Application: GB 946747 19940406

Designated States: CA GB JP KR US AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-017/30;

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5694

#### English Abstract

A data base searching system comprises a memory (M) having a plurality of locations for data items (L), a plurality of passive logic circuits (LC), and a control unit (C) for receiving a query data item and in response thereto producing a group of query signals which are applied to all passive logic circuits (LC) in parallel. The passive logic circuits (LC) simultaneously compare the query data item (as represented by the group of query signals) with the data items held at the respective locations (L), each passive logic circuit (LC) providing an output to indicate if its associated data item passes a selected comparative test relative to

the query data item (e.g. equality, inequality, greater than, less than, etc.).

#### French Abstract

Système de recherche de base de données comprenant une mémoire (M) possédant une pluralité d'emplacements pour données élémentaires (L), une pluralité de circuits logiques passifs (LC), ainsi qu'une unité de commande (C) destinée à recevoir une donnée élémentaire d'interrogation qui des la réception de celle-ci, envoie un ensemble de signaux d'interrogation appliqués à tous les circuits logiques passifs (LC) en parallèle. Les circuits logiques passifs (LC) comparent simultanément la donnée élémentaire d'interrogation (représentées par l'ensemble de signaux d'interrogation) avec les données élémentaires maintenues aux emplacements respectifs (L), chaque circuit logique passif (LC) envoyant un signal de sortie de façon à indiquer le résultat d'un test comparatif sélectionné entre sa donnée élémentaire associée et la donnée élémentaire d'interrogation (par exemple, égalité, inégalité, supérieure à, inférieure à, etc.).

16/5/18 (Item 18 from file: 349)  
DIALOG(R) File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00382439

#### **AUTOMATED FINGERPRINT CLASSIFICATION/IDENTIFICATION SYSTEM AND METHOD SYSTEME AUTOMATISE DE CLASSIFICATION D'IDENTIFICATION DES EMPREINTES DIGITALES ET PROCEDE ASSOCIE**

Patent Applicant/Assignee:

AEROFLEX SYSTEMS CORPORATION

Inventor(s):

LEVISON Laurence Laird

GOLDBERG Paul B

STANEK Scott David

Patent and Priority Information (Country, Number, Date):

Patent: WO 9513592 A1 19950518

Application: WO 94US12928 19941110 (PCT/WO US9412928)

Priority Application: US 93151020 19931112

Designated States: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06K-009/00;

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 14094

#### English Abstract

An automated fingerprint classification and identification system (100) used to determine or verify the identity of an unknown person (108) by comparing one or more of the person's fingerprints to known fingerprints stored in a database (114). The components of the present invention include an apparatus and a method for automatically classifying and storing the fingerprints in the database according to Vucetich classification (102) and for limiting the search of the database to only those fingerprints that are of the same classification as the unknown fingerprint(s).

#### French Abstract

Système automatisé de classification d'identification des empreintes digitales (100), servant à déterminer ou vérifier l'identité d'un inconnu (108) en comparant une ou plusieurs empreintes prises sur la personne avec des empreintes connues stockées dans une base de données (114). Les éléments de la présente invention comprennent un appareil et un procédé automatique de classification/stockage des empreintes selon la méthode Vucetich (102), restreignant les recherches dans la base de données aux empreintes entrant dans la même classification que la ou les empreintes inconnues.

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

☐ BLACK BORDERS

☒ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES

☐ FADED TEXT OR DRAWING

☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING

☐ SKEWED/SLANTED IMAGES

☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS

☐ GRAY SCALE DOCUMENTS

☐ LINES OR MARKS ON ORIGINAL DOCUMENT

☒ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY

☐ OTHER: \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**